PUBLIC HEALTH REPORTS

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THE NOTIFIABLE DISEASES.[1]

PREVALENCE DURING 1916 IN CITIES OF OVER 100,000.

DIPHTHERIA, GONORRHEA, MALARIA, MEASLES, EPIDEMIC CEREBROSPINAL MENINGITIS, PELLAGRA, POLIOMYELITIS, RABIES IN MAN, RABIES IN ANIMALS, SCARLET FEVER, SMALLPOX, SYPHILIS, TUBERCULOSIS (PULMONARY), TUBERCULOSIS (ALL FORMS), AND TYPHOID FEVER—CASES AND DEATHS REPORTED, INDICATED CASE RATES PER 1,000 POPULATION, INDICATED FATALITY RATES PER 100 CASES, AND INDICATED MORTALITY RATES OF DIPHTHERIA, MEASLES, SCARLET FEVER, TUBERCULOSIS (PULMONARY), TUBERCULOSIS (ALL FORMS), AND TYPHOID FEVER, PER 1,000 POPULATION.

The following tables include data for all cities of the United States having an estimated population of 100,000 or over as of July 1, 1916, with the exception of Cambridge, Mass., and Memphis, Tenn.

In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate) usually means that the health department of that city is active and that the cases of the disease are being properly reported by the practicing physicians. It does not usually mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city, that the physicians did not treat the disease in that city with the success usual elsewhere, or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the city was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of deaths was incomplete, or the assignment of the causes of death inaccurate.

[1] It will be noted that some of the cities are apparently much more successful in obtaini g reports of the notifiable diseases than are others. This may be due to the greater activity of their health departments or to a greater interest in the public welfare on the part of their practicing physicians. That the health departments of certain cities are securing sufficiently complete information of the prevalence of preventable diseases to make possible their control is indicated in a number of instances by the large numbers of cases reported as compared with the numbers of deaths registered from the same causes.

SUMMARIES OF HIGHEST AND LOWEST RATES.

	Number of cases reported per annum per 1,000 inhabitants.	
	Highest.	Lowest.[1]
Diphtheria:		
Detroit, Mich	6.327	
St. Louis, Mo	3.634	
Boston, Mass	3.185	
Spokane, Wash		0.173
Seattle, Wash		.241
Portland, Oreg		.437
Measles:		
Richmond, Va	43.303	
Salt Lake City, Utah	34.217	
Youngstown, Ohio	26.453	
Oakland, Cal		.222
Birmingham, Ala		.391
Cincinnati, Ohio		.592
Meningitis (epidemic cerebrospinal):		
Bridgeport, Conn	.321	
Newark, N. J	.090	
Boston, Mass	.085	
Jersey City, N. J		.003
Rochester, N. Y		.004
Seattle, Wash		.006
Poliomyelitis (infantile paralysis):		
Newark, N. J	3.478	
New York, N. Y	1.610	
Trenton, N. J	1.497	
Kansas City, Mo		.003
Spokane, Wash		.007
Nashville, Tenn		.009
Scarlet fever:		
Dayton, Ohio	10.698	
Omaha, Nebr	7.748	
Toledo, Ohio	3.962	
New Orleans, La		.269
Tacoma, Wash		.293
Louisville, Ky		.343
Smallpox:		
Youngstown, Ohio	1.864	
San Antonio, Tex	1.494	
Spokane, Wash	1.344	
Boston, Mass		.001
New York, N. Y		.001
Buffalo, N. Y		.002
Newark, N. J		.002
Tuberculosis (pulmonary):		
Newark, N. J	4.891	
Albany, N. Y	4.415	
New Orleans, La	4.202	
Tacoma, Wash		.488
Portland, Oreg		.904
Youngstown, Ohio		1.430
Tuberculosis (all forms):		
Newark, N. J	5.916	
Los Angeles, Cal	5.353	
Chicago, Ill	4.811	
Portland, Oreg		.917
Scranton, Pa		1.076
Youngstown, Ohio		1.495
Typhoid fever:		
Birmingham, Ala	4.869	
Indianapolis, Ind	3.095	
Nashville, Tenn	2,469	
Scranton, Pa		.116
Spokane, Wash		.180
Paterson, N. J		.181

	Indicated fatality rates per 100 cases.	
	Highest.	Lowest.[2]
Diphtheria:		
Reading, Pa	[3] 16.90	
New Haven, Conn	[3] 16.06	
Philadelphia, Pa	[3] 15.33	
Fort Worth, Tex		1.59
Denver, Colo		1.64
Richmond, Va		2.05
Measles:		
Providence, R. I	[3] 7.86	
Detroit, Mich	[3] 5.57	
Worcester, Mass	[3] 4.72	
Denver, Colo		.11
Seattle, Wash		.17
Indianapolis, Ind		.20
Dayton, Ohio		.20
Meningitis (epidemic cerebrospinal):		
Seattle, Wash	100.00	
Rochester, N. Y	100.00	
Albany, N. Y	100.00	
Camden, N. J	100.00	
Dallas, Tex	100.00	
Houston, Tex	100.00	
Reading, Pa	100.00	
Bridgeport, Conn		23.08
Des Moines, Iowa		25.00
Salt Lake City, Utah		25.00
Poliomyelitis (infantile paralysis):		
Youngstown, Ohio	[3] 100.00	
Tacoma, Wash	[3] 100.00	
St. Louis, Mo	[3] 82.61	
New Bedford, Mass		4.76
San Francisco, Cal		6.45
Louisville, Ky		6.67
Scarlet fever:		
Kansas City, Mo	[3] 6.33	
Lowell, Mass	[3] 5.88	
Des Moines, Iowa	[3] 5.05	
Portland, Oreg		.26
Rochester, N. Y		.36
Cincinnati, Ohio		.51
Smallpox:		
San Antonio, Tex	3.24	
New Orleans, La	2.07	
Detroit, Mich		[4] .25
Toledo, Ohio		[4] .41
Tuberculosis (pulmonary):		
Richmond, Va	89.07	
Trenton, N. J	65.36	
Nashville, Tenn	64.16	
Seattle, Wash		31.74
Milwaukee, Wis		32.35
Newark, N. J		33.90
Tuberculosis (all forms):		
Columbus, Ohio	97.06	
Toledo, Ohio	87.33	
Houston, Tex	86.89	
Grand Rapids, Mich		28.65
Chicago, Ill		31.09
Newark, N. J		32.08
Typhoid fever:		
Houston, Tex	[3] 47.62	
Scranton, Pa	[3] 47.06	
Syracuse, N. Y	[3] 42.22	
Lynn, Mass		5.19
Trenton, N. J		6.12
Fall River, Mass		6.36

[1] Only those cities have been considered in which at least one case was reported.

[2] In computing the lowest fatality rates the data were used for those cities only in which at least one death was registered from the respective diseases.

[3] Indicated high fatality rate undoubtedly due to incomplete reporting of cases.

[4] As regards smallpox the records are of special interest. Three of the cities had more than 200 reported cases without any recorded deaths: Cleveland had 204 cases with no deaths, Spokane and Youngstown each had 202 cases without any deaths.

REPORTED PREVALENCE FOR THE YEAR 1916.

DIPHTHERIA.

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000 inhabitants.
Over 500,000 inhabitants:						
Baltimore, Md	589,621	734	61	1.245	8.31	0.103
Boston, Mass	756,476	2,409	185	3.185	7.68	.245
Chicago, Ill	2,497,722	6,980	786	2.795	11.26	.315
Cleveland, Ohio	674,073	1,909	120	2.832	6.29	.178
Detroit, Mich	571,784	3,618	259	6.327	7.16	.453
Los Angeles, Cal	503,812	400	20	.794	5.00	.040
New York, N. Y	5,602,841	13,521	1,031	2.413	7.63	.184
Philadelphia, Pa	1,709,518	2,499	383	1.462	15.33	.224
Pittsburgh, Pa	579,090	1,228	120	2.121	9.77	.207
St. Louis, Mo	757,309	2,752	150	3.634	5.45	.198
From 300,000 to 500,000 inhabitants:						
Buffalo, N. Y	468,558	727	69	1.552	9.49	.147
Cincinnati, Ohio	410,476	1,204	61	2.933	5.07	.149
Jersey City, N. J	306,345	707	43	2.308	6.08	.140
Milwaukee, Wis	436,535	716	73	1.640	10.20	.167
Minneapolis, Minn	363,454	972	71	2.674	7.30	.195
Newark, N. J	408,894	923	57	2.257	6.18	.139
New Orleans, La	371,747	833	37	2.241	4.44	.100
San Francisco, Cal	463,516	1,355	131	2.923	9.67	.283
Seattle, Wash	348,639	84	7	.241	8.33	.020
Washington, D. C	363,980	647	33	1.778	5.10	.091
From 200,000 to 300,000 inhabitants:						
Columbus, Ohio	214,878	303	21	1.410	6.93	.098
Denver, Colo	260,800	183	3	.702	1.64	.012
Indianapolis, Ind	271,708	668	51	2.459	7.63	.188
Kansas City, Mo	297,847	539	76	1.810	14.10	.255
Louisville, Ky	238,910	196	10	.820	5.10	.042
Portland, Oreg	295,463	129	8	.437	6.20	.027
Providence, R. I	254,960	754	76	2.957	10.08	.298
Rochester, N. Y	256,417	254	23	.991	9.06	.090
St. Paul, Minn	247,232	457	22	1.848	4.81	.089
From 100,000 to 200,000 inhabitants:						
Albany, N. Y	104,199	101	12	.969	11.88	.115
Atlanta, Ga	190,558	246	32	1.291	13.01	.168
Birmingham, Ala	181,762	119	9	.655	7.56	.050
Bridgeport, Conn	121,579	290	23	2.385	7.93	.189
Camden, N. J	106,233	193	25	1.817	12.95	.235
Dallas, Tex	124,527	92	5	.739	5.43	.040
Dayton, Ohio	127,224	378	21	2.971	5.56	.165
Des Moines, Iowa	101,598	96	6	.945	6.25	.059
Fall River, Mass	128,366	126	19	.982	15.08	.148
Fort Worth, Tex	104,562	63	1	.603	1.59	.010
Grand Rapids, Mich	128,291	82	7	.639	8.54	.055
Hartford, Conn	110,900	288	17	2.597	5.90	.153
Houston, Tex	112,307	102	6	.908	5.88	.053
Lawrence, Mass	100,560	268	22	2.665	8.21	.219
Lowell, Mass	113,245	308	41	2.720	13.31	.362
Lynn, Mass	102,425	268	16	2.617	5.97	.156
Nashville, Tenn	117,057	153	11	1.307	7.19	.094
New Bedford, Mass	118,158	116	9	.982	7.76	.076
New Haven, Conn	149,685	137	22	.915	16.06	.147
Oakland, Cal	198,604	154	23	.775	14.94	.116
Omaha, Nebr	165,470	300	31	1.813	10.33	.187
Paterson, N. J	138,443	208	17	1.502	8.17	.123
Reading, Pa	109,381	71	12	.649	16.90	.110
Richmond, Va	156,687	244	5	1.557	2.05	.032
Salt Lake City, Utah	117,399	259	16	2.206	6.18	.136
San Antonio, Tex	123,831	184	10	1.486	5.43	.081
Scranton, Pa	146,811	292	26	1.989	8.90	.177
Spokane, Wash	150,323	26	1	.173	3.85	.007
Springfield, Mass	105,942	177	18	1.671	10.17	.170
Syracuse, N. Y	155,624	355	20	2.281	5.63	.129
Tacoma, Wash	112,770	66	5	.585	7.58	.044
Toledo, Ohio	191,554	311	34	1.624	10.93	.177
Trenton, N. J	111,593	281	21	2.518	7.47	.188
Worcester, Mass	163,314	306	24	1.874	7.84	.147
Youngstown, Ohio	108,385	167	7	1.541	4.19	.065

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

GONORRHEA.[1]

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.
Over 500,000 inhabitants:					
Cleveland, Ohio	674,073	[2] 105	2	0.156	1.90
Los Angeles, Cal	503,812	390	.....	.774	.....
New York, N. Y	5,602,841	6,221	.....	1.110	.....
Pittsburgh, Pa	579,090	47	.....	.081	.....
From 300,000 to 500,000 inhabitants:					
Buffalo, N. Y	468,558	266	2	.568	.75
Cincinnati, Ohio	410,476	167	2	.407	1.20
From 200,000 to 300,000 inhabitants:					
Columbus, Ohio	214,878	[2] 32	.....	.149	.....
Rochester, N. Y	256,417	[2] 95	.....	.370	.....
From 100,000 to 200,000 inhabitants:					
Dayton, Ohio	127,224	[2] 13	.....	.102	.....
Des Moines, Iowa	101,598	[2] 103	.....	1.014	.....
Hartford, Conn	110,900	[2] 175	.....	1.578	.....
Oakland, Cal	198,604	28	.....	.141	.....
Toledo, Ohio	191,554	405	.....	2.114	.....
Youngstown, Ohio	108,385	70	.....	.646	.....

MALARIA.[1]

Over 500,000 inhabitants:					
Baltimore, Md	589,621	1	2	.....	.....
Boston, Mass	756,476	20	1	0.026	5.00
Cleveland, Ohio	674,073	6	.....	.009	.....
Los Angeles, Cal	503,812	7	.....	.014	.....
New York, N. Y	5,602,841	208	.....	.037	.....
Philadelphia, Pa	1,709,518	16	2	.009	12.50
Pittsburgh, Pa	579,090	[2] 1	.....	.002	.....
From 300,000 to 500,000 inhabitants:					
Cincinnati, Ohio	410,476	2	.....	.005	.....
Jersey City, N. J	306,345	[2] 2	2	.007	100.00
Newark, N. J	408,894	[2] 46	1	.112	2.17
New Orleans, La	371,747	256	27	.689	10.55
San Francisco, Cal	463,516	24	5	.052	20.83
From 100,000 to 200,000 inhabitants:					
Birmingham, Ala	181,762	34	18	.187	52.94
Camden, N. J	106,233	[2] 1	.....	.009	.....
Dallas, Tex	124,527	190	16	1.526	8.42
Fall River, Mass	128,366	21	2	.164	9.52
Paterson, N. J	138,443	6	.....	.043	.....
Richmond, Va	156,687	54	1	.345	1.85
San Antonio, Tex	123,831	[2] 27	24	.218	88.89
Springfield, Mass	105,942	3	.....	.028	.....
Worcester, Mass	165,314	3	.....	.018	.....

[1] Cities in which no cases of this disease were reported are not included in this table.
[2] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

MEASLES.

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000 inhabitants.
Over 500,000 inhabitants:						
Baltimore, Md	589,621	5,407	34	9.170	0.63	0.058
Boston, Mass	756,476	5,341	107	7.060	2.00	.141
Chicago, Ill	2,497,722	7,591	131	3.039	1.73	.052
Cleveland, Ohio	674,073	4,027	51	5.974	1.27	.076
Detroit, Mich	571,784	[1] 2,281	127	3.989	5.57	.222
Los Angeles, Cal	503,812	774	7	1.536	.90	.014
New York, N. Y	5,602,841	21,603	491	3,856	2.27	.088
Philadelphia, Pa	1,709,518	8,792	102	5.143	1.16	.060
Pittsburgh, Pa	579,090	6,717	125	11.599	1.86	.216
St. Louis, Mo	757,309	.....	67	.....	.....	.088
From 300,000 to 500,000 inhabitants:						
Buffalo, N. Y	468,558	[1] 4,029	71	8.599	1.76	.152
Cincinnati, Ohio	410,476	243	2	.592	.82	.005
Jersey City, N. J	306,345	1,132	16	3.695	1.41	.052
Milwaukee, Wis	436,535	6,209	101	14.223	1.63	.231
Minneapolis, Minn	363,454	2,410	68	6.631	2.82	.187
Newark, N. J	408,894	8,583	102	20.991	1.19	.249
New Orleans, La	371,747	3,191	12	8.584	.38	.032
San Francisco, Cal	463,516	446	4	.962	.90	.009
Seattle, Wash	348,639	5,790	10	16.607	.17	.029
Washington, D. C	363,980	2,642	6	7.259	.23	.016
From 200,000 to 300,000 inhabitants:						
Columbus, Ohio	214,878	1,351	33	6.287	2.44	.154
Denver, Colo	260,800	1,871	2	7.174	.11	.008
Indianapolis, Ind	271,708	5,095	10	18.752	.20	.037
Kansas City, Mo	297,847	3,273	25	10.989	.76	.084
Louisville, Ky	238,910	374	.....	1.565	.....	.....
Portland, Oreg	295,463	784	4	2.653	.51	.014
Providence, R. I	254,960	[1] 814	64	3.193	7.86	.251
Rochester, N. Y	256,417	[1] 1,494	18	5.826	1.20	.070
St. Paul, Minn	247,232	1,937	14	7.835	.72	.057
From 100,000 to 200,000 inhabitants:						
Albany, N. Y	104,199	1,852	23	17.774	1.24	.221
Atlanta, Ga	190,558	.....	2	.....	.....	.010
Birmingham, Ala	181,762	71	.....	.391	.....	.....
Camden, N. J	106,233	[1] 117	.....	1.101	.....	.....
Dallas, Tex	124,527	93	1	.747	1.08	.008
Dayton, Ohio	127,224	1,489	3	11.704	.20	.024
Fall River, Mass	128,366	606	18	4.721	2.97	.140
Fort Worth, Tex	104,562	173	.....	1.655	.....	.....
Grand Rapids, Mich	128,291	489	3	3.812	.61	.023
Hartford, Conn	110,900	[1] 1,842	38	16.610	2.06	.343
Houston, Tex	112,307	962	4	8.566	.42	.036
Lawrence, Mass	100,560	418	10	4.157	2.39	.099
Lowell, Mass	113,245	1,180	14	10.420	1.19	.124
Lynn, Mass	102,425	1,031	5	10.066	.48	.049
Nashville, Tenn	117,057	1,019	8	8.705	.79	.068
New Bedford, Mass	118,158	262	2	2.217	.76	.017
New Haven, Conn	149,685	242	6	1.617	2.48	.040
Oakland, Cal	198,604	44	.....	.222	.....	.....
Omaha, Nebr	165,470	226	.....	1.366	.....	.....
Paterson, N. J	138,443	1,616	9	11.673	.56	.065
Reading, Pa	109,381	1,942	24	17.754	1.24	.219
Richmond, Va	156,687	6,785	40	43.303	.59	.255
Salt Lake City, Utah	117,399	4,017	12	34.217	.30	.102
San Antonio, Tex	123,831	[1] 118	3	.953	2.54	.024
Scranton, Pa	146,811	274	3	1.866	1.09	.020
Spokane, Wash	150,323	3,792	13	25.226	.34	.086
Springfield, Mass	105,942	1,293	14	12.205	1.08	.132
Syracuse, N. Y	155,624	316	.....	2.031	.....	.....
Tacoma, Wash	112,770	2,151	5	19.074	.23	.044
Toledo, Ohio	191,554	5,004	68	26.123	1.36	.355
Trenton, N. J	111,593	[1] 390	13	3.495	3.33	.116
Worcester, Mass	163,314	1,166	55	7.140	4.72	.337
Youngstown, Ohio	108,385	2,863	42	26.453	1.47	.388

[1] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

MENINGITIS (EPIDEMIC CEREBROSPINAL).[1]

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.
Over 500,000 inhabitants:					
Baltimore, Md	589,621	18	16	0.031	88.89
Boston, Mass	756,476	64	46	.085	71.88
Chicago, Ill	2,497,722	110	53	.044	48.18
Cleveland, Ohio	674,073	46	42	.068	91.30
Detroit, Mich	571,784	29	10	.051	34.48
Los Angeles, Cal	503,812	17	16	.034	94.12
New York, N. Y	5,602,841	263	173	.047	65.78
Philadelphia, Pa	1,709,518	69	43	.040	62.32
Pittsburgh, Pa	579,090	15	11	.026	73.33
St. Louis, Mo	757,309	62	36	.082	58.06
From 300,000 to 500,000 inhabitants:					
Buffalo, N. Y	468,558	[2] 14	7	.030	50.00
Cincinnati, Ohio	410,476	10	7	.024	70.00
Jersey City, N. J	306,345	[2] 1	.....	.003	.....
Newark, N. J	408,894	37	22	.090	59.46
New Orleans, La	371,747	16	10	.043	62.50
San Francisco, Cal	463,516	4	2	.009	50.00
Seattle, Wash	348,639	2	2	.006	100.00
Washington, D. C	363,980	7	4	.019	57.14
From 200,000 to 300,000 inhabitants:					
Columbus, Ohio	214,878	3	1	.014	33.33
Denver, Colo	260,800	2	.....	.008	.....
Indianapolis, Ind	271,708	7	4	.026	57.14
Kansas City, Mo	297,847	7	9	.....	.....
Louisville, Ky	238,910	2	1	.008	50.00
Portland, Oreg	295,463	3	1	.010	33.33
Providence, R. I	254,960	16	20	.....	.....
Rochester, N. Y	256,417	1	1	.004	100.00
From 100,000 to 200,000 inhabitants:					
Albany, N. Y	104,199	1	1	.010	100.00
Birmingham, Ala	181,762	4	9	.....	.....
Bridgeport, Conn	121,579	39	9	.321	23.08
Camden, N. J	106,233	[2] 3	3	.028	100.00
Dallas, Tex	124,527	7	7	.056	100.00
Des Moines, Iowa	101,598	4	1	.039	25.00
Fall River, Mass	128,366	8	3	.062	37.50
Hartford, Conn	110,900	7	2	.063	28.57
Houston, Tex	112,307	1	1	.009	100.00
Lawrence, Mass	100,560	3	2	.030	66.67
Lowell, Mass	113,245	9	7	.079	77.78
Lynn, Mass	102,425	3	.....	.029	.....
Nashville, Tenn	117,057	3	2	.026	66.67
New Bedford, Mass	118,158	3	2	.025	66.67
New Haven, Conn	149,685	9	10	.....	.....
Omaha, Nebr	165,470	4	.....	.024	.....
Paterson, N. J	138,443	1	16	.....	.....
Reading, Pa	109,381	2	2	.018	100.00
Salt Lake City, Utah	117,399	4	1	.034	25.00
San Antonio, Tex	123,831	6	4	.048	66.67
Springfield, Mass	105,942	4	3	.038	75.00
Toledo, Ohio	191,554	2	1	.010	50.00
Worcester, Mass	163,314	7	2	.043	28.57

[1] Cities in which no cases of this disease were reported are not included in this table.
[2] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

PELLAGRA.[1]

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.
Over 500,000 inhabitants:					
Boston, Mass	756,476	13	7	0.017	53.85
Cleveland, Ohio	674,073	1	1	.001	100.00
Los Angeles, Cal	503,812	5	4	.010	80.00
New York, N. Y	5,602,841	11	.....	.002	.....
From 300,000 to 500,000 inhabitants:					
Cincinnati, Ohio	410,476	2	2	.005	100.00
New Orleans, La	371,747	55	48	.148	87.27
San Francisco, Cal	463,516	1	1	.002	100.00
Washington, D. C	363,980	16	9	.044	56.25
From 200,000 to 300,000 inhabitants:					
Indianapolis, Ind	271,708	2	.....	.007	.....
Louisville, Ky	238,910	4	2	.017	50.00
Providence, R. I	254,960	1	1	.004	100.00
From 100,000 to 200,000 inhabitants:					
Birmingham, Ala	181,762	49	49	.270	100.00
Dallas, Tex	124,527	[2] 37	26	.297	70.27
Lynn, Mass	102,425	1	.....	.010	.....
Nashville, Tenn	117,057	365	28	3.118	7.67
Paterson, N. J	138,443	1	3	.....	.....
Richmond, Va	156,687	27	17	.172	62.96
Springfield, Mass	105,942	1	1	.009	100.00
Worcester, Mass	163,314	12	7	.073	58.33

POLIOMYELITIS (INFANTILE PARALYSIS.)[1]

Over 500,000 inhabitants:					
Baltimore, Md	589,621	205	70	0.348	34.15
Boston, Mass	756,476	651	159	.861	24.42
Chicago, Ill	2,497,722	285	49	.114	17.19
Cleveland, Ohio	674,073	38	6	.056	15.79
Detroit, Mich	571,784	60	16	105	26.67
Los Angeles, Cal	503,812	19	4	.038	21.05
New York, N. Y	5,602,841	9,023	2,448	1.610	27.13
Philadelphia, Pa	1,709,518	1,006	307	.588	30.52
Pittsburgh, Pa	579,090	34	12	.059	35.29
St. Louis, Mo	757,309	23	19	.030	82.61
From 300,000 to 500,000 inhabitants:					
Buffalo, N. Y	468,558	[2] 13	5	.028	38.46
Cincinnati, Ohio	410,476	47	4	.115	8.51
Jersey City, N. J	306,345	193	31	.630	16.06
Milwaukee, Wis	436,535	16	2	.037	12.50
Minneapolis, Minn	363,451	121	11	.333	9.09
Newark, N. J	408,894	1,422	375	3.478	26.37
New Orleans, La	371,747	22	2	.059	9.09
San Francisco, Cal	463,516	31	2	.067	6.45
Seattle, Wash	348,639	8	.....	.023	.....
Washington, D. C	363,980	39	6	.107	15.38
From 200,000 to 300,000 inhabitants:					
Columbus, Ohio	214,878	11	3	.051	27.27
Denver, Colo	260,808	7	.....	.027	.....
Indianapolis, Ind	271,708	21	5	.077	23.81
Kansas City, Mo	297,847	1	.....	.003	.....
Louisville, Ky	238,910	15	1	.063	6.67
Portland, Oreg	295,463	19	2	.064	10.53
Providence, R. I	254,960	118	20	.465	16.95
Rochester, N. Y	256,417	11	2	.043	18.18
St. Paul, Minn	247,232	80	8	.324	10.00
From 100,000 to 200,000 inhabitants:					
Albany, N. Y	10[1] 199	28	4	.269	14.29
Atlanta, Ga	190,558	4	2	.021	50.00
Birmingham, Ala	181,762	20	3	.110	15.00
Bridgeport, Conn	121,579	73	22	.600	30.14
Camden, N. J	106,233	[2] 66	22	.621	33.33
Dallas, Tex	124,527	2	.....	.016	.....
Dayton, Ohio	127,224	17	3	.134	17.65
Des Moines, Iowa	101,598	12	4	.118	33.33
Fall River, Mass	128,366	10	2	.078	20.00
Fort Worth, Tex	104,562	2	.....	.019	.....

[1] Cities in which no cases of this disease were reported are not included in this table.
[2] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.
From 100,000 to 200,000 inhabitants—Contd.					
Grand Rapids, Mich	128,291	32	6	0.249	18.75
Hartford, Conn	110,900	62	10	.559	16.13
Houston, Tex	112,307	4	3	.036	75.00
Lawrence, Mass	100,560	7	2	.070	28.57
Lowell, Mass	113,245	17	4	.150	23.53
Lynn, Mass	102,425	44	14	.430	31.82
Nashville, Tenn	117,057	1	.....	.009	.....
New Bedford, Mass	118,158	21	1	.178	4.76
New Haven, Conn	149,685	95	17	.635	17.89
Oakland, Cal	198,604	2	.....	.010	.....
Omaha, Nebr	165,470	6	.....	.036	.....
Paterson, N. J	138,443	98	20	.708	20.41
Reading, Pa	109,381	5	.....	.046	.....
Richmond, Va	156,687	20	3	.128	15.00
Salt Lake City, Utah	117,399	4	.....	.034	.....
San Antonio, Tex	123,831	7	3	.057	42.86
Scranton, Pa	146,811	17	2	.116	11.76
Spokane, Wash	150,323	1	.....	.007	.....
Springfield, Mass	105,942	88	22	.831	25.00
Syracuse, N. Y	155,624	229	64	1.471	27.95
Tacoma, Wash	112,770	1	1	.010	100.00
Toledo, Ohio	191,554	110	25	.574	22.73
Trenton, N. J	111,593	167	50	1.497	29.94
Worcester, Mass	163,314	25	3	.153	12.00
Youngstown, Ohio	108,385	3	3	.028	100.00

RABIES IN MAN.[1]

Over 500,000 inhabitants:					
Chicago, Ill	2,497,722	2	.....	0.001	.....
Detroit, Mich	571,784	1	1	.002	100.00
New York, N. Y	5,602,841	1	.....	.0002	.....
Philadelphia, Pa	1,709,518	1	2	.....	.....
St. Louis, Mo	757,309	1	1	.001	100.00
From 300,000 to 500,000 inhabitants:					
Cincinnati, Ohio	410,476	1	1	.002	100.00
From 200,000 to 300,000 inhabitants:					
Denver, Colo	260,800	1	.....	.004	.....
From 100,000 to 200,000 inhabitants:					
Grand Rapids, Mich	128,291	1	1	.008	100.00
Spokane, Wash	150,323	1	1	.007	100.00

RABIES IN ANIMALS.[1]

City.	Estimated population July 1, 1916.	Cases reported.	Deaths reported.	City.	Estimated population July 1, 1916.	Cases reported.	Deaths reported.
Over 500,000 inhabitants:				From 200,000 to 300,000 inhabitants:			
Boston, Mass	756,476	2	2	Columbus, Ohio	214,878	6	6
Chicago, Ill	2,497,722	40	.....	Denver, Colo	260,800	1	.....
Cleveland, Ohio	674,073	124	124	Louisville, Ky	238,910	37	10
Detroit, Mich	571,784	65	65	Rochester, N. Y	256,417	3	.....
Los Angeles, Cal	503,812	[2] 11	11	St. Paul, Minn	247,232	46	46
New York, N. Y	5,602,841	27	.....	From 100,000 to 200,000 inhabitants:			
St. Louis, Mo	757,309	.....	19	Fall River, Mass	128,366	1	.....
From 300,000 to 500,000 inhabitants:				Grand Rapids, Mich	128,291	15	15
Buffalo, N. Y	468,558	[2] 77	77	Lynn, Mass	102,425	1	1
Cincinnati, Ohio	410,476	19	.....	Nashville, Tenn	117,057	2	.....
Minneapolis, Minn	363,454	47	47	Toledo, Ohio	191,554	8	.....
Newark, N. J	408,894	3	.....				
Seattle, Wash	348,639	30	.....				

[1] Cities in which no cases of this disease were reported are not included in this table.
[2] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

SCARLET FEVER.

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000 inhabitants.
Over 500,000 inhabitants:						
Baltimore, Md	589,621	966	30	1.638	3.11	0.051
Boston, Mass	756,476	1,764	39	2.332	2.21	.052
Chicago, Ill	2,497,722	8,681	160	3.476	1.84	.064
Cleveland, Ohio	674,073	866	40	1.285	4.62	.059
Detroit, Mich	571,784	1,904	57	3.330	2.99	.100
Los Angeles, Cal	503,812	358	5	.711	1.40	.010
New York, N. Y	5,602,841	5,814	96	1.038	1.65	.017
Philadelphia, Pa	1,709,518	1,668	40	.976	2.40	.023
Pittsburgh, Pa	579,090	672	18	1.160	2.68	.031
St. Louis, Mo	757,309	1,370	45	1.809	3.28	.059
From 300,000 to 500,000 inhabitants:						
Buffalo, N. Y	468,558	[1] 616	27	1.315	4.38	.058
Cincinnati, Ohio	410,476	392	2	.955	.51	.005
Jersey City, N. J	306,345	649	11	2.119	1.69	.036
Milwaukee, Wis	436,535	1,584	41	3.629	2.59	.094
Minneapolis, Minn	363,454	623	16	1.714	2.57	.044
Newark, N. J	408,894	885	7	2.164	.79	.017
New Orleans, La	371,747	100	1	.269	1.00	.003
San Francisco, Cal	463,516	1,192	8	2.572	.67	.017
Seattle, Wash	348,639	141	.....	.404	.....	.....
Washington, D. C	363,980	530	6	1.456	1.13	.016
From 200,000 to 300,000 inhabitants:						
Columbus, Ohio	214,878	262	5	1.219	1.91	.023
Denver, Colo	260,800	304	.....	1.166	.....	.....
Indianapolis, Ind	271,708	451	11	1.660	2.44	.040
Kansas City, Mo	297,847	1,105	70	3.710	6.33	.235
Louisville, Ky	238,910	82	.....	.343	.....	.....
Portland, Oreg	295,463	392	1	1.327	.26	.003
Providence, R. I	254,960	749	14	2.938	1.75	.055
Rochester, N. Y	256,417	[1] 276	1	1.076	.36	.004
St. Paul, Minn	247,232	345	8	1.395	2.32	.032
From 100,000 to 200,000 inhabitants:						
Albany, N. Y	104,199	179	.....	1.718	.....	.....
Atlanta, Ga	190,558	170	1	.892	.59	.005
Birmingham, Ala	181,762	114	2	.627	1.75	.011
Bridgeport, Conn	121,579	117	4	.962	3.42	.033
Camden, N. J	106,233	[1] 71	1	.668	1.41	.009
Dallas, Tex	124,527	110	1	.883	.91	.008
Dayton, Ohio	127,224	1,361	14	10.698	1.03	.110
Des Moines, Iowa	101,598	99	5	.974	5.05	.049
Fall River, Mass	128,366	83	2	.647	2.41	.016
Fort Worth, Tex	104,562	42	.....	.402	.....	.....
Grand Rapids, Mich	128,291	477	3	3.718	.63	.023
Hartford, Conn	110,900	126	1	1.136	.79	.009
Houston, Tex	112,307	62	.....	.552	.....	.....
Lawrence, Mass	100,560	95	4	.945	4.21	.040
Lowell, Mass	113,245	102	6	.901	5.88	.053
Lynn, Mass	102,425	276	3	2.695	1.09	.029
Nashville, Tenn	117,057	95	1	.812	1.05	.009
New Bedford, Mass	118,158	119	2	1.007	1.68	.017
New Haven, Conn	149,685	185	5	1.236	2.70	.033
Oakland, Cal	198,604	281	.....	1.415	.....	.....
Omaha, Nebr	165,470	1,282	62	7.748	4.84	.375
Paterson, N. J	138,443	113	3	.816	2.65	.022
Reading, Pa	109,381	235	9	2.148	3.83	.082
Richmond, Va	156,687	221	2	1.410	.90	.013
Salt Lake City, Utah	117,399	418	7	3.561	1.67	.060
San Antonio, Tex	123,831	62	.....	.501	.....	.....
Scranton, Pa	146,811	142	1	.967	.70	.007
Spokane, Wash	150,323	85	1	.565	1.18	.007
Springfield, Mass	105,942	240	3	2.265	1.25	.028
Syracuse, N. Y	155,624	186	1	1.195	.54	.006
Tacoma, Wash	112,770	33	.....	.293	.....	.....
Toledo, Ohio	191,554	759	8	3.962	1.05	.042
Trenton, N. J	111,593	94	1	.842	1.06	.009
Worcester, Mass	163,314	255	2	1.561	.78	.012
Youngstown, Ohio	108,385	172	6	1.587	3.49	.055

[1] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

SMALLPOX.[1]

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.
Over 500,000 inhabitants:					
Boston, Mass	756,476	1		0.001	
Chicago, Ill	2,497,722	49		.020	
Cleveland, Ohio	674,073	204		.303	
Detroit, Mich	571,784	405	1	.708	0.25
Los Angeles, Cal	503,812	50		.099	
New York, N. Y	5,602,841	7		.001	
Philadelphia, Pa	1,709,518	5		.003	
Pittsburgh, Pa	579,090	7		.012	
St. Louis, Mo	757,309	52		.069	
From 300,000 to 500,000 inhabitants:					
Buffalo, N. Y	468,558	[2] 1		.002	
Cincinnati, Ohio	410,476	7		.017	
Milwaukee, Wis	436,535	23		.053	
Minneapolis, Minn	363,454	155		.426	
Newark, N. J	408,894	1		.002	
New Orleans, La	371,747	193	4	.519	2.07
San Francisco, Cal	463,516	7		.015	
Seattle, Wash	348,639	108		.310	
Washington, D. C	363,980	4		.011	
From 200,000 to 300,000 inhabitants:					
Columbus, Ohio	214,878	9		.042	
Denver, Colo	260,800	10		.038	
Indianapolis, Ind	271,708	33		.121	
Kansas City, Mo	297,847	110		.369	
Louisville, Ky	238,910	21		.088	
Portland, Oreg	295,463	67		.227	
St. Paul, Minn	247,232	129		.522	
From 100,000 to 200,000 inhabitants:					
Birmingham, Ala	181,762	11		.061	
Camden, N. J	106,233	[2] 3		.028	
Dallas, Tex	124,527	25		.201	
Des Moines, Iowa	101,598	21		.207	
Fort Worth, Tex	104,562	40		.383	
Grand Rapids, Mich	128,291	26		.203	
Houston, Tex	112,307	26		.232	
Lowell, Mass	113,245	1		.009	
Nashville, Tenn	117,057	1		.009	
Oakland, Cal	198,604	5		.025	
Omaha, Nebr	165,470	62		.375	
Richmond, Va	156,687	1		.006	
Salt Lake City, Utah	117,399	17		.145	
San Antonio, Tex	123,831	185	6	1.494	3.24
Spokane, Wash	150,323	202		1.344	
Syracuse, N. Y	155,624	3		.019	
Tacoma, Wash	112,770	6		.053	
Toledo, Ohio	191,554	242	1	1.263	.41
Youngstown, Ohio	108,385	202		1.864	

SYPHILIS.[1]

Over 500,000 inhabitants:					
Cleveland, Ohio	674,073	[2] 257	60	0.381	23.35
Los Angeles, Cal	503,812	342		.679	
New York, N. Y	5,602,841	20,128		3.592	
Pittsburgh, Pa	579,090	[2] 21		.036	
From 300,000 to 500,000 inhabitants:					
Buffalo, N. Y	468,558	1,788	101	3.816	5.65
Cincinnati, Ohio	410,476	[2] 159	61	.387	38.36
From 200,000 to 300,000 inhabitants:					
Columbus, Ohio	214,878	5	19		
Rochester, N. Y	256,417	[2] 130	22	.507	16.92
From 100,000 to 200,000 inhabitants:					
Dayton, Ohio	127,224	[2] 4	4		
Des Moines, Iowa	101,598	[2] 18		.177	
Hartford, Conn	110,900	[2] 81		.730	
Oakland, Cal	198,604	7	10		
Spokane, Wash	150,323	[2] 9	9	.060	100.00
Toledo, Ohio	191,554	172		.898	
Youngstown, Ohio	108,385	26	18	.240	69.23

[1] Cities in which no cases of this disease were reported are not included in this table.
[2] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

TUBERCULOSIS (PULMONARY).

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Number of cases reported for each death registered.	Indicated death rate per 1,000 inhabitants.
Over 500,000 inhabitants:						
Baltimore, Md	589,621	1,830	1,170	3.104	1.65	1.877
Boston, Mass	756,476	2,495	1,111	3.298	2.25	1.469
Chicago, Ill	2,497,722		3,223			1.290
Cleveland, Ohio	674,073	1,888	871	2.801	2.17	1.292
Detroit, Mich	571,784		790			1.382
Los Angeles, Cal	503,812		858			1.703
New York, N. Y	5,602,841	19,297	8,406	3.444	2.30	1.500
Philadelphia, Pa	1,709,518		2,913			1.704
Pittsburgh, Pa	579,090		598			1.033
St. Louis, Mo	757,309	2,157	928	2.848	2.32	1.225
From 300,000 to 500,000 inhabitants:						
Buffalo, N. Y	468,558	1,197	658	2.555	1.82	1.404
Cincinnati, Ohio	410,476	1,370	834	3.338	1.64	2.032
Milwaukee, Wis	436,535	1,017	329	2.330	3.09	.754
Minneapolis, Minn	363,454		419			1.153
Newark, N. J	408,894	[1] 2,000	678	4.891	2.95	1.658
New Orleans, La	371,747	1,562	961	4.202	1.64	2.585
San Francisco, Cal	463,516	1,436	728	3.098	1.97	1.571
Seattle, Wash	348,639	564	179	1.618	3.15	.513
Washington, D. C	363,980		646			1.775
From 200,000 to 300,000 inhabitants:						
Columbus, Ohio	214,878		266			1.238
Denver, Colo	260,800		516			1.979
Indianapolis, Ind	271,708	793	391	2.919	2.03	1.439
Kansas City, Mo	297,847		331			1.111
Louisville, Ky	238,910	725	336	3.035	2.16	1.406
Portland, Oreg	295,463	267	161	.904	1.66	.545
Providence, R. I	254,960	[1] 14	327			1.283
Rochester, N. Y	256,417		234			.913
St. Paul, Minn	247,232	424	238	1.715	1.78	.963
From 100,000 to 200,000 inhabitants:						
Albany, N. Y	104,199	460	222	4.415	2.07	2.131
Atlanta, Ga	190,558		364			1.910
Birmingham, Ala	181,762	511	301	2.811	1.70	1.656
Dallas, Tex	124,527	[1] 144	145			1.164
Dayton, Ohio	127,224	[1] 138	140			1.100
Fall River, Mass	128,366	440	191	3.428	2.30	1.488
Grand Rapids, Mich	128,291		79			.616
Hartford, Conn	110,900	285	98	2.570	2.91	.884
Lawrence, Mass	100,560	200	125	1.989	1.60	1.243
Lowell, Mass	113,245	199	115	1.757	1.74	1.015
Lynn, Mass	102,425	177	99	1.728	1.79	.967
Nashville, Tenn	117,057	279	179	2.383	1.56	1.529
New Bedford, Mass	118,158	367	168	3.106	2.18	1.422
New Haven, Conn	149,685	319	127	2.131	2.51	.848
Oakland, Cal	198,604	330	187	1.662	1.76	.942
Omaha, Nebr	165,470	46	195			1.180
Paterson, N. J	138,443		164			1.185
Reading, Pa	109,381	187	100	1.710	1.87	.914
Richmond, Va	156,687	311	277	1.985	1.12	1.768
Salt Lake City, Utah	117,399	[1] 9	41			.349
San Antonio, Tex	123,831		354			2.859
Scranton, Pa	146,811		100			.681
Spokane, Wash	150,323	[1] 59	59			.392
Springfield, Mass	105,942	155	66	1.463	2.35	.623
Syracuse, N. Y	155,624		131			.842
Tacoma, Wash	112,770	[1] 55	31	.488	1.77	.275
Toledo, Ohio	191,554		329			1.718
Trenton, N. J	111,593	332	217	2.984	1.53	1.945
Worcester, Mass	163,314	343	204	2.100	1.68	1.249
Youngstown, Ohio	108,385	155	88	1.430	1.48	.812

[1] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

TUBERCULOSIS (ALL FORMS).

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Number of cases reported for each death registered.	Indicated death rate per 1,000 inhabitants.
Over 500,000 inhabitants:						
Baltimore, Md	589,621		1,306			2.215
Boston, Mass	756,476	2,734	1,316	3,614	2.08	1.740
Chicago, Ill	2,497,722	12,017	3,736	4.811	3.22	1.496
Cleveland, Ohio	674,073	1,964	1,022	2.914	1.92	1.516
Detroit, Mich	571,784	[1] 1,468	936	2.567	1.57	1.637
Los Angeles, Cal	503,812	2,697	967	5.353	2.79	1.919
Philadelphia, Pa	1,709,518	6,191	3,267	3.621	1.90	1.911
Pittsburgh, Pa	579,090	1,267	769	2,188	1.65	1.328
St. Louis, Mo	757,309		1,039			1.372
From 300,000 to 500,000 inhabitants:						
Buffalo, N. Y	468,558	[1] 1,390	757	2.967	1.84	1.616
Cincinnati, Ohio	410,476	1,462	926	3.562	1.58	2.256
Jersey City, N. J	306,345	1,187	492	3.875	2.41	1.606
Milwaukee, Wis	436,535		401			.909
Minneapolis, Minn	363,454	1,150	500	3.164	2.30	1.376
Newark, N. J	408,894	[1] 2,419	776	5.916	3.12	1.898
San Francisco, Cal	463,516		759			1.637
Seattle, Wash	348,639		255			.731
Washington, D. C	363,980	1,061	728	2.915	1.46	2.000
From 200,000 to 300,000 inhabitants:						
Columbus, Ohio	214,878	340	330	1.582	1.03	1.536
Denver, Colo	260,800		569			2.182
Indianapolis, Ind	271,708		490			1.803
Kansas City, Mo	297,847	291	377			1.266
Louisville, Ky	238,910	857	404	3.587	2.12	1.691
Portland, Oreg	295,463	271	227	.917	1.19	.768
Providence, R. I	254,960	[1] 14	417			1.636
Rochester, N. Y	256,417	[1] 430	271	1.677	1.59	1.057
St. Paul, Minn	247,232	459	307	1.857	1.50	1.242
From 100,000 to 200,000 inhabitants:						
Albany, N. Y	104,199		251			2.409
Atlanta, Ga	190,558		404			2.120
Birmingham, Ala	181,762		357			1.964
Bridgeport, Conn	121,579	[1] 227	158	1.867	1.44	1.300
Camden, N. J	106,233	[1] 228	108	2.146	2.11	1.017
Dayton, Ohio	127,224		158			1.242
Fall River, Mass	128,366	453	223	3.529	2.03	1.737
Fort Worth, Tex	104,562	19	76			.727
Grand Rapids, Mich	128,291	356	102	2.775	3.49	.795
Houston, Tex	112,307	183	159	1.629	1.15	1.416
Lawrence, Mass	100,560	229	151	2.277	1.52	1.502
Lowell, Mass	113,245	223	149	1.969	1.50	1.316
Lynn, Mass	102,425	192	113	1.875	1.70	1.103
Nashville, Tenn	117,057		213			1.820
New Bedford, Mass	118,158	385	198	3.258	1.94	1.676
New Haven, Conn	149,685		170			1.136
Oakland, Cal	198,604	364	221	1.833	1.65	1.113
Paterson, N. J	138,443	447	180	3.229	2.48	1.300
Reading, Pa	109,381		102			.933
Richmond, Va	156,687		346			2.202
Salt Lake City, Utah	117,399		65			.554
San Antonio, Tex	123,831	[1] 573	389	4.627	1.47	3.141
Scranton, Pa	146,811	158	122	1.076	1.30	.831
Spokane, Wash	150,323	79	79			.526
Springfield, Mass	105,942	184	91	1.737	2.02	.859
Syracuse, N. Y	155,624	291	164	1.870	1.77	1.054
Tacoma, Wash	112,770		54			.479
Toledo, Ohio	191,554	442	386	2.307	1.15	2.015
Trenton, N. J	111,593		238			2.133
Worcester, Mass	163,314		257			1.574
Youngstown, Ohio	108,385	162	109	1.495	1.49	1.006

[1] The health officer states that cases are known not to be completely reported.

REPORTED PREVALENCE FOR THE YEAR 1916—Continued.

TYPHOID FEVER.

City.	Estimated population July 1, 1916.	Cases reported.	Deaths registered.	Indicated case rate per 1,000 inhabitants.	Indicated fatality rate per 100 cases.	Indicated death rate per 1,000 inhabitants.
Over 500,000 inhabitants:						
Baltimore, Md	589,621	776	106	1.316	13.66	0.180
Boston, Mass	756,476	185	26	.245	14.05	.034
Chicago, Ill	2,497,722	1,034	129	.414	12.48	.052
Cleveland, Ohio	674,073	209	36	.310	17.22	.053
Detroit, Mich	571,784	[1] 417	87	.729	20.86	.152
Los Angeles, Cal	503,812	126	14	.250	11.11	.028
New York, N. Y	5,602,841	1,617	215	.289	13.30	.038
Philadelphia, Pa	1,709,518	740	128	.433	17.30	.075
Pittsburgh, Pa	579,090	274	50	.473	18.25	.086
St. Louis, Mo	757,309	580	71	.766	12.24	.094
From 300,000 to 500,000 inhabitants:						
Buffalo, N. Y	468,558	[1] 251	51	.536	20.32	.109
Cincinnati, Ohio	410,476	98	13	.239	13.27	.032
Jersey City, N. J	306,345	75	21	.245	28.00	.069
Milwaukee, Wis	436,535	511	64	1.171	12.52	.147
Minneapolis, Minn	363,454	181	21	.498	11.60	.055
Newark, N. J	408,894	126	22	.308	17.46	.054
New Orleans, La	371,747	374	87	1.006	23.26	.234
San Francisco, Cal	463,516	178	16	.384	8.99	.035
Seattle, Wash	348,639	67	10	.192	14.93	.029
Washington, D. C	363,980	308	46	.846	14.94	.126
From 200,000 to 300,000 inhabitants:						
Columbus, Ohio	214,878	184	29	.856	15.76	.135
Denver, Colo	260,800	131	19	.502	14.50	.073
Indianapolis, Ind	271,708	841	73	3.095	8.68	.269
Kansas City, Mo	297,847	115	32	.386	27.83	.107
Louisville, Ky	238,910	105	28	.439	26.67	.117
Portland, Oreg	295,463	65	13	.220	20.00	.044
Providence, R. I	254,960	136	13	.533	9.49	.051
Rochester, N. Y	256,417	[1] 99	13	.386	13.13	.051
St. Paul, Minn	247,232	52	12	.210	23.08	.049
From 100,000 to 200,000 inhabitants:						
Albany, N. Y	104,199	88	8	.845	9.09	.077
Atlanta, Ga	190,558	143	35	.750	24.48	.184
Birmingham, Ala	181,762	885	81	4.869	9.15	.446
Bridgeport, Conn	121,579	35	11	.288	31.43	.090
Camden, N. J	106,233	[1] 87	12	.819	13.79	.113
Dallas, Tex	124,527	173	34	1.389	19.65	.273
Dayton, Ohio	127,224	129	26	1.014	20.16	.204
Fall River, Mass	128,366	220	14	1.714	6.36	.109
Fort Worth, Tex	104,562	128	19	1.224	14.84	.182
Grand Rapids, Mich	128,291	141	20	1.099	14.18	.156
Hartford, Conn	110,900	48	7	.433	14.58	.063
Houston, Tex	112,307	63	30	.561	47.62	.267
Lawrence, Mass	100,560	69	7	.686	10.14	.070
Lowell, Mass	113,245	61	13	.539	21.31	.115
Lynn, Mass	102,425	154	8	1.504	5.19	.078
Nashville, Tenn	117,057	289	35	2.469	12.11	.299
New Bedford, Mass	118,158	64	5	.542	7.81	.042
New Haven, Conn	149,685	56	12	.374	21.43	.080
Oakland, Cal	198,604	119	8	.599	6.72	.040
Omaha, Nebr	165,470	41	7	.248	17.07	.042
Paterson, N. J	138,443	25	5	.181	20.00	.036
Reading, Pa	109,381	197	20	1.801	10.15	.183
Richmond, Va	156,687	224	37	1.430	16.52	.236
Salt Lake City, Utah	117,399	100	12	.852	12.00	.102
San Antonio, Tex	123,831	[1] 104	18	.840	17.31	.145
Scranton, Pa	146,811	17	8	.116	47.06	.054
Spokane, Wash	150,323	27	3	.180	11.11	.020
Springfield, Mass	105,942	32	5	.302	15.63	.047
Syracuse, N. Y	155,624	45	19	.289	42.22	.122
Tacoma, Wash	112,770	35	3	.310	8.57	.027
Toledo, Ohio	191,554	279	44	1.457	15.77	.230
Trenton, N. J	111,593	49	3	.439	6.12	.027
Worcester, Mass	163,314	36	6	.220	16.67	.037
Youngstown, Ohio	108,385	105	27	.969	25.71	.249

[1] The health officer states that cases are known not to be completely reported.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

RECIPROCAL NOTIFICATION.

Minnesota.

Cases of communicable diseases referred during March, 1917, to other State health departments by department of health of the State of Minnesota.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Epidemic cerebrospinal meningitis:		
Minneapolis Health Department, Hennepin County.	Camp Douglas, Juneau County, Wis.	Exposure to roommate, who returned to Wisconsin.
Smallpox:		
Springvale Township, Isanti County.	Danbury, Woodbury County, Iowa.	Patient infected while visiting in Iowa.
Lime Lake Township, Murray County.	Fenton, Kossuth County, Iowa..	Case moved from Iowa to Minnesota within incubation period.
Aeton Township, Pipestone County.	Wausa, Knox County, and Hoskins, Wayne County, Nebr.	Possible exposure; case came from Nebraska to Minnesota.
Minneapolis Health Department, Hennepin County.	Buffalo, Cass County, N. Dak...	Patient came to Minnesota from North Dakota broken out with smallpox.
	Bismarck, Burleigh County, N. Dak.	Salesman, taken ill in Bismarck, came to Minnesota via Northern Pacific Ry., stopping off Fargo on way.
	Fargo, Cass County, N. Dak....	
	Northern Pacific Ry.....	
	Wahpeton, Richland County, N. Dak.	Infected at Minneapolis, went to Wahpeton, stopped off at Breckenridge; returned to Minneapolis broken out with smallpox.
	Breckenridge, Wilkin County, Minn.	
Cambridge, Isanti County.	Parker, Turner County, S. Dak..	Covered with smallpox pustules on arrival at Cambridge from South Dakota.
	Stockton, Jo Daviess County, Ill.	
	Freeport, Stephenson County, Ill.	
	Mount Pleasant, Henry County, Iowa.	
	Dundee, Delaware County, Iowa.	
	Clinton, Clinton County, Iowa..	
	Manchester, Delaware County, Iowa.	
	Belle Plaine, Benton County, Iowa.	
	Des Moines, Des Moines County, Iowa (3 cases).	
	Boone, Boone County, Iowa....	
	Emmetsburg, Palo Alto County, Iowa.	
	Oakes, Dickey County, N. Dak..	
	Bowman, Bowman County, N. Dak.	

RECIPROCAL NOTIFICATION—Continued.

Minnesota—Continued.

Cases of communicable diseases referred during March, 1917, to other State health departments by department of health of the State of Minnesota—Continued.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Tuberculosis: Mayo Clinic, Rochester, Olmsted County.	Devils Lake, Ramsey County, N. Dak. Sharon, Steele County, N. Dak. Ashley, McIntosh County, N. Dak. Spring Brook, Williams County, N. Dak. Belle Fourche, Butte County, S. Dak. Lake Preston, Kingsbury County, S. Dak. Amarillo, Potter County, Tex. Hazel Green, Grant County, Wis. (2 cases). Beloit, Rock County, Wis. Penhold, Alberta, Canada. Bowden, Alberta, Canada. Sault Ste. Marie, Ontario, Canada. Lang, Saskatchewan, Canada. Vonda, Saskatchewan, Canada. Scepter, Saskatchewan, Canada. Swift Current, Saskatchewan, Canada (2 cases).	16 advanced, 5 moderately advanced, 4 apparently arrested, 3 incipient, 2 apparently cured, and 2 in which the stage of the disease was not given; cases left Mayo Clinic for homes.
Typhoid fever: Spooner Hospital, Spooner, Beltrami County.	Sleeman, Ontario, Canada	Worked in a lumber camp at Sleeman during 3 weeks previous to first symptoms.

CEREBROSPINAL MENINGITIS.

Illinois—Mound City.

Acting Asst. Surg. Barrows reported April 17, 1917, that 2 cases of cerebrospinal meningitis, with 1 death, had been notified at Mound City, Ill.

State Reports for March, 1917.

Place.	New cases reported.
California:	
Los Angeles County—	
Los Angeles	5
Sacramento County—	
Sacramento	1
Total	6
Kansas:	
Cowley County—	
Arkansas City	1
Osage County—	
Olivet (R. F. D.)	1
Sedgwick County—	
Wichita	1
Sumner County—	
Conway Springs	1
Wyandotte County—	
Kansas City	12
Total	16
Louisiana:	
Orleans Parish	1
Rapides Parish	1
Total	2
South Carolina:	
Richland County	1
West Virginia:	
Braxton County	1
Harrison County	3
Monongalia County	1
Total	5

CEREBROSPINAL MENINGITIS—Continued.

City Reports for Week Ended Apr. 7, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md	3	3	Lynn, Mass		1
Birmingham, Ala	2	1	Milwaukee, Wis	1	1
Boston, Mass	1	1	Minneapolis, Minn	6	
Buffalo, N. Y	2	1	Newark, N. J	1	
Canton, Ohio		2	New Haven, Conn	1	
Chicago, Ill	3	4	New York, N. Y	7	4
Cincinnati, Ohio	2	2	Omaha, Nebr	1	
Cleveland, Ohio	10	2	Philadelphia, Pa	25	13
Dayton, Ohio		1	Pittsburgh, Pa	5	4
Denver, Colo		1	Providence, R. I	1	
Detroit, Mich	3		Saginaw, Mich		2
Duluth, Minn	2	3	St. Louis, Mo	12	5
El Paso, Tex	1	1	San Francisco, Cal	2	1
Hartford, Conn	9	2	Sioux City, Iowa	1	
Indianapolis, Ind	1		Washington, D. C	1	1
Jersey City, N. J		1	Wichita, Kans	1	
Kansas City, Mo	1	4	Wilmington, Del	2	

DIPHTHERIA.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 624.

ERYSIPELAS.

City Reports for Week Ended Apr. 7, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alameda, Cal	1		Lexington, Ky		1
Baltimore, Md		1	Los Angeles, Cal	6	2
Boston, Mass		3	Milwaukee, Wis	8	1
Bridgeport, Conn	1		Nashville, Tenn	1	
Brockton, Mass	4	2	Newark, N. J	12	
Buffalo, N. Y	8		New Orleans, La		1
Chicago, Ill	32	5	New York, N. Y		11
Cincinnati, Ohio	1		Omaha, Nebr	2	
Cleveland, Ohio	8	3	Passaic, N. J	1	
Columbus, Ohio		1	Philadelphia, Pa	14	1
Dayton, Ohio	3		Pittsburgh, Pa	15	
Detroit, Mich	1	1	Reading, Pa	3	
Duluth, Minn	3		Rochester, N. Y	3	
East Orange, N. J	1		St. Joseph, Mo	1	1
Erie, Pa	1		St. Louis, Mo	11	1
Harrisburg, Pa	1		Salt Lake City, Utah	1	
Hartford, Conn	2		San Francisco, Cal	5	
Jackson, Mich	2		Schenectady, N. Y	1	1
Johnstown, Pa	1		Toledo, Ohio	1	1
Kalamazoo, Mich	1		Williamsport, Pa	1	
Kansas City, Mo	3				

MALARIA.

State Reports for March, 1917.

Place.	New cases reported.
California:	
Alameda County—	
Berkeley	3
Amador County	2
Butte County	1
Calaveras County—	
Angels Camp	1
Colusa County	1
Glenn County—	
Orland	2
Los Angeles County—	
Claremont	1
Merced County	1
Sacramento County—	
Sacramento	2
Solano County—	
Vacaville	1
Stanislaus County	1
Tulare County	2
Yolo County	4
Total	22
Kansas:	
Pottawatomie County—	
Wamego	1
Louisiana:	
Acadia Parish	1
Allen Parish	1
Ascension Parish	1
Assumption Parish	1
Beauregard Parish	3
Caddo Parish	2
Calcasieu Parish	1
Claiborne Parish	1
Concordia Parish	1
Louisiana—Continued.	
De Soto Parish	1
East Carroll Parish	1
Franklin Parish	8
Grant Parish	2
Iberia Parish	1
Jackson Parish	1
Jefferson Davis Parish	8
Lincoln Parish	1
Morehouse Parish	1
Ouachita Parish	3
Plaquemines Parish	3
Pointe Coupee Parish	2
St. Landry Parish	6
St. Martin Parish	13
St. Mary Parish	2
St. Tammany Parish	71
Tangipahoa Parish	3
Vermilion Parish	9
Vernon Parish	2
Total	150
New Jersey:	
Essex County	3
Mercer County	1
Total	4
South Carolina:	
Beaufort County	7
Dorchester County	9
Laurens County	1
Marion County	1
York County	4
Total	22

City Report for Week Ended Apr. 7, 1917.

During the week ended April 7, 1917, one case of malaria was reported in Richmond, Va.

MEASLES.

California—Los Angeles.

Senior Surg. Brooks reported that during the week ended April 14, 1917, 540 cases of measles were notified at Los Angeles, Cal., making a total of 2,190 cases reported since February 1, 1917.

Georgia—Savannah.

Passed Asst. Surg. Ridlon reported the occurrence of an epidemic of measles at Savannah, Ga., where 8 deaths have been reported during the period from December 15, 1916, to April 20, 1917. Measles has only recently been made reportable by the city authorities and the number of cases of the disease that have occurred during the epidemic is not known.

MEASLES—Continued.

Washington—Seattle.

Surg. Lloyd reported that during the week ended April 7, 1917, 151 cases of measles, with 3 deaths, were notified at Seattle, Wash., making a total of 7,700 cases of the disease, with 21 deaths, since February 15, 1916.

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 624.

PELLAGRA.

State Reports for March, 1917.

Place.	New cases reported.
Kansas:	
Cherokee County—	
Baxter Springs	1
Scott County—	
Scott	1
Total	2
Louisiana:	
Allen Parish	1
Caddo Parish	4
De Soto Parish	2
Orleans Parish	3
Rapides Parish	2
Richland Parish	3
St. Helena Parish	1
Louisiana—Continued.	
St. Mary Parish	1
Tangipahoa Parish	3
Tensas Parish	1
Total	21
South Carolina:	
Dorchester County	1
Edgefield County	1
Marion County	2
Newberry County	1
York County	1
Total	6

City Reports for Week Ended Apr. 7, 1917.

Place.	Cases.	Deaths.
Birmingham, Ala		1
Charleston, S. C		1
Mobile, Ala	1	1
New Orleans, La	1	1
Taunton, Mass		1

PLAGUE.

California—San Mateo County—Plague-Infected Squirrel found.

Passed Asst. Surg. Williams reported that a ground squirrel shot April 4, 1917, on the land of the Spring Valley Water Co., 3 miles southeast of San Mateo, San Mateo County, Cal., was proved plague infected April 16, 1917.

PNEUMONIA.

City Reports for Week Ended Apr. 7, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ann Arbor, Mich	2	.....	Manchester, N. H	5	5
Auburn, N. Y	2	.....	McKeesport, Pa	2	4
Baltimore, Md	11	27	Newark, N. J	40	10
Binghamton, N. Y	9	4	Newburyport, Mass	1	1
Braddock, Pa	8	.....	New Castle, Pa	3	.....
Canton, Ohio	1	3	Newport, Ky	1	1
Chicago, Ill	276	141	Philadelphia, Pa	149	74
Cleveland, Ohio	25	51	Pittsburgh, Pa	24	25
Dayton, Ohio	1	7	Reading, Pa	7	6
Detroit, Mich	35	58	Rochester, N. Y	19	4
Dubuque, Iowa	1	1	Sandusky, Ohio	1	.....
Duluth, Minn	11	5	San Francisco, Cal	13	12
Grand Rapids, Mich	8	4	Schenectady, N. Y	3	.....
Jackson, Mich	1	1	Steelton, Pa	2	3
Kalamazoo, Mich	2	2	Toledo, Ohio	2	4
Kansas City, Mo	4	19	Wilkinsburg, Pa	1	3
Lancaster, Pa	2	.....	Williamsport, Pa	1	.....
Lexington, Ky	1	2	York, Pa	1	.....
Los Angeles, Cal	12	10			

POLIOMYELITIS (INFANTILE PARALYSIS).

State Reports for March, 1917.

Place.	New cases reported.
California:	
Fresno County	1
Glenn County—	
Willows	1
Santa Clara County	1
Tehama County—	
Red Bluff	1
Total	4
Kansas:	
Franklin County—	
Pomona (R. F. D.)	1
Louisiana:	
Orleans Parish	1
Michigan:	
Benzie County—	
Inland Township	1
Berrien County—	
Bainbridge Township	1
Leelanau County—	
Kasson Township	1
Muskegon County—	
Muskegon	1
St. Joseph County—	
Three Rivers	1
Wayne County—	
Hamtramck	1
Total	6
Minnesota:	
Mille Lacs County—	
Foreston	1
Washington County—	
Baytown Township	1
Total	2
New Jersey:	
Bergen County	1
Burlington County	1
Cumberland County	1
Essex County	4
Hudson County	1
Middlesex County	1
Total	9
South Carolina:	
Anderson County	1
Chester County	1
Dorchester County	1
Total	3
West Virginia:	
Fayette County	1
Harrison County	1
Jackson County	2
Marion County	1
Ohio County	2
Total	7

City Reports for Week Ended Apr. 7, 1917.

During the week ended April 7, 1917, one death from poliomyelitis was reported in Galesburg, Ill., one case and one death were reported in Philadelphia, Pa., and one case in Zanesville, Ohio.

RABIES IN ANIMALS.

City Report for Week Ended Apr. 7, 1917.

During the week ended April 7, 1917, three cases of rabies in animals were reported in Buffalo, N. Y.

SCARLET FEVER.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 624.

SMALLPOX.

Connecticut.

Collaborating Epidemiologist Black reported that during the week ended April 21, 1917, new cases of smallpox were notified in Connecticut as follows: Berlin 4, Newtown 2, Waterbury 3.

Illinois—Cairo.

Acting Asst. Surg. Barrows reported that during the week ended April 14, 1917, 6 new cases of smallpox were notified at Cairo, Ill., making a total of 15 cases reported since January 1, 1917.

Minnesota.

Collaborating Epidemiologist Bracken reported that during the week ended April 21, 1917, three new foci of smallpox infection were reported in Minnesota, cases of the disease having been notified as follows: Aitkin County, Morrison Township, 1; Olmstead County, Haverhill Township, 3; Steel County, Blooming Prairie, 1.

Oregon—Astoria.

Surg. Ebert reported that during the week ended April 14, 1917, three new cases of smallpox were notified at Astoria, Oreg.

Texas—Galveston.

Surg. Bahrenburg reported that on April 21, 1917, one case of smallpox was notified at Galveston, Tex.

SMALLPOX—Continued.

State Reports for March, 1917.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
California:						
Alameda County	1					1
Butte County	1					1
Los Angeles County—						
Los Angeles	2				2	
Pomona	7				7	
San Bernardino County—						
Needles	2				2	
Redlands	13				13	
San Diego County	1				1	
San Francisco	31		1	10	20	
San Joaquin County	2				2	
Santa Clara County	2				2	
Total	62		1	10	49	2
Kansas:						
Allen County—						
Elsmore (R. F. D.)	6				6	
Atchison County—						
Atchison	2			2		
Barton County—						
Claflin	6				6	
Great Bend	1				1	
Hoisington	11				11	
Brown County—						
Horton (R. F. D.)	1				1	
Butler County—						
Augusta	1				1	
Eldorado	3				3	
Whitewater (R. F. D.)	1				1	
Chase County—						
Cedar Point (R. F. D.)	1				1	
Strong City	1				1	
Cherokee County—						
Columbus	1				1	
Galena	3			1	2	
Cloud County—						
Clyde	1				1	
Miltonvale	3				3	
Coffey County—						
LeRoy	18			2	16	
Cowley County—						
Silverdale	1				1	
Winfield	1				1	
Crawford County—						
Arma	3			1	2	
Cherokee (4 R. F. D.)	27				27	
Croweburg	1				1	
Franklin (R. F. D.)	1				1	
Frontenac	5				5	
Doniphan County—						
Elwood	5				5	
Troy	2				2	
Wathena (4 R. F. D.)	6			2	4	
Douglas County—						
Lawrence	1				1	
Ellis County—						
Ellis	1				1	
Hays	2				2	
Finney County—						
Holcomb (R. F. D.)	1				1	
Geary County—						
Alta Vista (R. F. D.)	5				5	
Junction City (R. F. D.)	1				1	
Gove County—						
Quinter (R. F. D.)	6			1	5	
Gray County—						
Ensign	4				4	
Ingalls (R. F. D.)	1				1	

SMALLPOX—Continued.

State Reports for March, 1917—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Kansas—Continued.						
Harper County—						
Anthony	1				1	
Bluff City (R. F. D.)	1				1	
Linn County—						
La Cygne	4				4	
Pleasanton	5			1	4	
Logan County—						
Russell Springs (R. F. D.)	14				14	
Marion County—						
Aulne (R. F. D.)	2				2	
Durham (R. F. D.)	3				3	
Florence (R. F. D.)	24			5	19	
Lincolnville (R. F. D.)	9				9	
Marion (R. F. D.)	2				2	
Marshall County—						
Blue Rapids	1				1	
Nemaha County—						
Centralia (R. F. D.)	3				3	
Ottawa County—						
Culver (R. F. D.)	1				1	
Pratt County—						
Pratt	1				1	
Rawlins County—						
Linda (R. F. D.)	1				1	
Republic County—						
Belleville	1				1	
Rice County—						
Lyons	1				1	
Riley County—						
Manhattan (R. F. D.)	7				7	
Rooks County—						
Stockton (R. F. D.)	1				1	
Zurich (R. F. D.)	5				5	
Saline County—						
Bavaria (R. F. D.)	1				1	
Sedgwick County—						
Wichita	17				17	
Seward County—						
Liberal	2				2	
Shawnee County—						
Topeka	16				16	
Smith County—						
Athol	4				4	
Stafford County—						
Byers (R. F. D.)	1				1	
Sumner County—						
Caldwell	15			1	14	
Mulvane (R. F. D.)	1				1	
Wellington	1				1	
Thomas County—						
Colby (R. F. D.)	3				3	
Gem (R. F. D.)	1				1	
Wabaunsee County—						
Alma	2				2	
Alta Vista (R. F. D.)	17				17	
Wyandotte County—						
Kansas City	3				3	
Total	305			16	289	
Michigan:						
Alpena County—						
Alpena Township	3				3	
Maple Ridge Township	2				2	
Ossineke Township	1					1
Alpena	17				17	
Bay County—						
Pinconning Township	5					5
Chippewa County—						
Sault Ste. Marie	2				2	

SMALLPOX—Continued.

State Reports for March, 1917—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Michigan—Continued.						
Clinton County—						
Watertown Township	1		1			
Eaton County—						
Brookfield Township	1				1	
Charlotte	1				1	
Genessee County—						
Argentine Township	3					3
Flint	9				9	
Gratiot County—						
Hamilton Township	1				1	
Lafayette Township	1				1	
Ithaca	1				1	
Ingham County—						
Lansing	13				13	
Jackson County—						
Jackson	1				1	
Kalkaska County—						
Springfield Township	1					1
Kent County—						
Grand Rapids	5				5	
Lenawee County—						
Hudson	2				2	
Mackinac County—						
Brevort Township	7				7	
Macomb County—						
Lake Township	1		1			
Mount Clemens	1				1	
Manistee County—						
Springdale Township	1					1
Marquette County—						
Marquette	1				1	
Mason County—						
Luddington	5				5	
Mecosta County—						
Millbrook Township	1				1	
Monroe County—						
Erie Township	1				1	
Oakland County—						
Bloomfield Township	1				1	
Royal Oak	1				1	
Pontiac	27				27	
Osceola County—						
Reed City	1			1		
Presque Isle County—						
Onaway	1				1	
Saginaw County—						
Saginaw	2				2	
St. Clair County—						
Wales Township	1				1	
Port Huron	3				3	
Shiawassee County—						
Venice Township	1				1	
Washtenaw County—						
Ann Arbor	3				3	
Wayne County—						
Greenfield Township	3				3	
Detroit	13				13	
Total	145		2	1	131	11
Minnesota:						
Aitkin County—						
Aitkin	1				1	
Blue Earth County—						
Mankato	1				1	
Chisago County—						
Taylors Falls	2				2	
Clay County—						
Moorhead	2				2	
Clearwater County—						
Pine Lake Township	1				1	

SMALLPOX—Continued.

State Reports for March, 1917—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Minnesota—Continued.						
Crow Wing County—						
Brainerd	7			1	6	
Dodge County—						
Claremont	1				1	
Goodhue County—						
Minneola Township	1				1	
Hennepin County—						
Minneapolis	152			14	138	
Osseo	1				1	
St. Louis Park	3				3	
Hubbard County—						
Akeley	1				1	
Isanti County—						
Cambridge Township	1				1	
Kandiyohi County—						
Willmar	7				7	
Kittson County—						
Hallock	7		3	1	3	
Lincoln County—						
Tyler	2			1	1	
Lyon County—						
Balaton	5				5	
Tracy	4				4	
Marshall County—						
Big Woods Township	1				1	
Morrison County—						
Belle Prairie Township	6				6	
Pike Creek Township	1				1	
Swan River Township	1				1	
Murray County—						
Holly Township	1				1	
Lime Lake Township	1		1			
Olmsted County—						
Rochester	24		1		22	1
Ottertail County—						
Perham	2			1	1	
Deer Creek Township	5				5	
Pipestone County—						
Aetna Township	2				2	
Polk County—						
Crookston	10				10	
Ramsey County—						
St. Paul	16				16	
Redwood County—						
Gales Township	1				1	
Rice County—						
Faribault	1				1	p
St. Louis County—						
Duluth	21	1	1	1	18	1
Eveleth	5		1		4	
Sibley County—						
Faxon Township	2				2	
Stearns County—						
St. Cloud	2				2	
Steele County—						
Ellendale	1				1	
Owatonna	1				1	
Merton Township	2				2	
Swift County—						
Dublin Township	6				6	
Wabasha County—						
Plainview	1				1	
Wadena County—						
Verndale	1					1
Waseca County—						
New Richland	2				2	
Wilkin County—						
McCauleyville Township	6				5	1

SMALLPOX—Continued.

State Reports for March, 1917—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Minnesota—Continued.						
Winona County—						
Norton Township	1				1	
Wright County—						
French Lake Township	10				9	1
Total	332	1	7	19	301	5
West Virginia:						
Cabell County—						
Huntington	1					1
Kanawha County—						
Charleston	1				1	
Marion County—						
Fairmont	1					1
Mercer County—						
Lowe	1					1
Raleigh County—						
Sophia	4				4	
Total	8				5	3

Miscellaneous State Reports.

Place.	Cases.	Deaths.
Colorado (Feb. 1-28):		
El Paso County	1	
Colorado (Mar. 1-31):		
Boulder County	9	
El Paso County	2	
Montrose County	8	
Total	19	
Louisiana (Mar. 1-31):		
Assumption Parish	11	
Beauregard Parish	1	
Caddo Parish	1	
Calcasieu Parish	2	
Claiborne Parish	1	
Evangeline Parish	1	
Iberia Parish	1	
Jefferson Parish	1	
Orleans Parish	87	
Rapides Parish	8	
Richland Parish	1	
Louisiana (Mar. 1-31)—Con.		
St. James Parish	2	
Terrebonne Parish	2	
Union Parish	2	
Vermilion Parish	2	
Total	123	
New Jersey:		
Burlington County	1	
Essex County	1	
Middlesex County	1	
Total	3	
South Carolina (Mar. 1-31):		
Edgefield County	12	
Georgetown County	2	
Greenwood County	1	
Total	15	

SMALLPOX—Continued.

City Reports for Week Ended Apr. 7, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md	2		Marinette, Wis	2	
Butte, Mont	7		Milwaukee, Wis	1	
Cairo, Ill	8		Minneapolis, Minn	13	
Chicago, Ill	6		Muscatine, Iowa	2	
Cleveland, Ohio	7		New Castle, Pa	2	
Covington, Ky	4		New Orleans, La	8	
Danville, Ill	6		Oakland, Cal	7	
Davenport, Iowa	2		Omaha, Nebr	4	
Detroit, Mich	3		Pittsburgh, Pa	1	
Dubuque, Iowa	1		Pontiac, Mich	18	
Duluth, Minn	6		Portland, Oreg	2	
East Chicago, Ind	1		Quincy, Ill	2	
El Paso, Tex	1	1	Rocky Mount, N. C	2	
Evansville, Ind	3		St. Joseph, Mo	15	
Grand Rapids, Mich	1		St. Louis, Mo	6	
Hartford, Conn	1		Salt Lake City, Utah	2	
Indianapolis, Ind	5		San Francisco, Cal	7	
Kansas City, Mo	5		Sioux City, Iowa	10	
La Crosse, Wis	2		Topeka, Kans	1	
Lima, Ohio	15		Wichita, Kans	4	
Little Rock, Ark	9		Zanesville, Ohio	2	
Madison, Wis	6				

TETANUS.

City Reports for Week Ended Apr. 7, 1917.

During the week ended April 7, 1917, one death from tetanus was reported in Baltimore, Md., and one case was reported in El Paso, Tex.

TUBERCULOSIS.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 624.

TYPHOID FEVER.

State Reports for March, 1917.

Place.	New cases reported.
California:	
Alameda County—	
Oakland	1
Contra Costa County	1
Richmond	1
Fresno County—	
Sanger	1
Imperial County—	
El Centro	1
Kern County—	
Bakersfield	4
Los Angeles County—	
Los Angeles	10
Marin County—	
Mill Valley	1
Nevada County	4
Orange County	1
Riverside County	1
Corona	1
Sacramento County—	
Sacramento	1
San Bernardino County—	
Redlands	1
San Diego County—	
San Diego	2
San Francisco	11
San Joaquin County	4
San Mateo County	1
San Mateo	1
California—Continued.	
Santa Barbara County—	
Lompoc	1
Santa Clara County	4
Los Gatos	1
Shasta County—	
Redding	2
Siskiyou County—	
Sisson	2
Solano County—	
Rio Vista	1
Sonoma County—	
Santa Rosa	1
Stanislaus County	1
Total	61
Kansas:	
Allen County—	
Humboldt	1
Anderson County—	
Garnett	1
Atchison County—	
Effingham (R. F. D.)	1
Huron	1
Bourbon County—	
Fort Scott (R. F. D.)	1
Hepler (R. F. D.)	1

TYPHOID FEVER—Continued.

State Reports for March, 1917—Continued.

Place.	New cases reported.
Kansas—Continued.	
Chautauqua County—	
Peru (R. F. D.)	1
Cowley County—	
Arkansas City	1
Crawford County—	
Arcadia	1
Dickinson County—	
Herington	1
Edwards County—	
Offerle	1
Ellis County—	
Victoria (R. F. D.)	1
Franklin County—	
Ottawa	1
Gray County—	
Cimarron (R. F. D.)	2
Greenwood County—	
Madison	2
Jackson County—	
Circleville	1
Johnson County—	
Edgerton (R. F. D.)	1
Olathe	1
Spring Hill (R. F. D.)	1
Stilwell (R. F. D.)	1
Kearny County—	
Lakin (R. F. D.)	1
Leavenworth County—	
Lansing (R. F. D.)	1
Leavenworth (3 R. F. D.)	14
Linn County—	
Mound City (R. F. D.)	1
Marshall County—	
Blue Rapids	1
Miami County—	
Osawatomie	1
Montgomery County—	
Caney	1
Coffeyville	1
Morris County—	
White City	1
Rawlins County—	
Bird City (R. F. D.)	1
Reno County—	
Sylvia	1
Sumner County—	
Peck	1
Wyandotte County—	
Kansas City	2
Total	49
Louisiana:	
Ascension Parish	1
Assumption Parish	1
Avoyelles Parish	2
Caddo Parish	1
Calcasieu Parish	1
Jefferson Davis Parish	2
Orleans Parish	7
Ouachita Parish	1
Rapides Parish	2
St. Mary Parish	7
Terrebonne	2
Winn Parish	1
Total	28
Michigan:	
Allegan County—	
Allegan	1
Wayland Township	1
Plainwell	2
Alpena County—	
Alpena	1
Michigan—Continued.	
Bay County—	
Bay City	3
Benzie County—	
Frankfort	1
Clare County—	
Grant Township	1
Clinton County—	
Du Plain Township	1
Genesee County—	
Flint	3
Gladwin County—	
Secord Township	1
Gogebic County—	
Ironwood	1
Gratiot County—	
Alma	1
Grand Traverse County—	
Traverse City	1
Hillsdale County—	
Hillsdale	1
Isabella County—	
Mount Pleasant	1
Jackson County—	
Jackson	1
Kalamazoo County—	
Kalamazoo	1
Kent County—	
Lowell	1
Grand Rapids	6
Lapeer County—	
Mayfield Township	1
Leelanau County—	
Centreville Township	1
Macomb County—	
Richmond	1
Manistee County—	
Onekama	1
Manistee	1
Marquette County—	
Marquette	4
Mason County—	
Pere Marquette Township	2
Mecosta County—	
Big Rapids	2
Midland County—	
Midland	3
Monroe County—	
Erie Township	1
Whiteford Township	1
Oakland County—	
Oxford	1
Osceola County—	
Reed City	1
Presque Isle County—	
Onaway	1
Saginaw County—	
Freemont Township	1
Saginaw	4
St. Clair County—	
Algonac	1
Sanilac County—	
Moore Township	1
Van Buren County—	
South Haven	1
Washtenaw County—	
Ann Arbor	1
Wayne County—	
Dearborn	1
Highland Park	1
Detroit	22
Wyandotte	1
Total	84

TYPHOID FEVER—Continued.

State Reports for March, 1917—Continued.

Place.	New cases reported.
Minnesota:	
Beltrami County—	
Baudette	5
Spooner	2
Big Stone County—	
Almond Township	1
Crow Wing County—	
Brainerd	1
Perry Lake Township	1
Dakota County—	
South St. Paul	1
Goodhue County—	
Red Wing	2
Hennepin County—	
Minneapolis	7
Jackson County—	
Alpha	1
Lake County—	
Two Harbors	1
Marshall County—	
Oslo	1
Olmstead County—	
Rochester	1
Ottertail County—	
Battle Lake	1
Polk County—	
Crookston	1
McIntosh	1
Ramsey County—	
St. Paul	2
Red Lake County—	
Gervais Township	1
Rice County—	
Faribault	4
Rock County—	
Luverne	1
Roseau County—	
Warroad	7
Mickinock Township	1
Pohlitz Township	1
St. Louis County—	
Biwabik	1
Ely	1
Eveleth	2
Virginia	4
Stearns County—	
Oak Township	1
Wabasha County—	
Mazeppa Township	1
Minnesota—Continued.	
Wadena County—	
Sebeka	1
Winona County—	
St. Charles	1
Total	56
New Jersey:	
Atlantic County	2
Bergen County	1
Burlington County	4
Camden County	4
Cumberland County	3
Essex County	2
Hudson County	3
Hunterdon County	4
Mercer County	4
Middlesex County	17
Monmouth County	1
Morris County	3
Passaic County	1
Sussex County	1
Union County	2
Total	52
South Carolina:	
Cherokee County	2
Chester County	1
Orangeburg County	1
Richland County	2
Sumter County	1
York County	4
Total	11
West Virginia:	
Berkeley County	1
Greenbrier County	1
Marion County	7
Monongalia County	1
Monroe County	1
Ritchie County	2
Summers County	2
Wood County—	
Parkersburg	2
Total	17

TYPHOID FEVER—Continued.

City Reports for Week Ended Apr. 7, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.	3		Medford, Mass.	1	
Baltimore, Md.	6		Milwaukee, Wis.	3	1
Binghamton, N. Y.	2		Mobile, Ala.	2	
Birmingham, Ala.	2	1	Newark, N. J.	1	
Boston, Mass.	4		New Orleans, La.	4	
Buffalo, N. Y.	4	2	New York, N. Y.	20	3
Charleston, S. C.	1		Oakland, Cal.	1	
Chicago, Ill.	1		Omaha, Nebr.	2	
Cincinnati, Ohio	2	1	Perth Amboy, N. J.	1	
Cleveland, Ohio	4	3	Philadelphia, Pa.	3	2
Covington, Ky.	2		Pittsburgh, Pa.		1
Dayton, Ohio	2		Portland, Me.		2
Denver, Colo.		1	Providence, R. I.	1	
Detroit, Mich.	2	2	Reading, Pa.	2	
El Paso, Tex.		1	Rutland, Vt.	1	
Erie, Pa.	3		St. Louis, Mo.	2	
Fall River, Mass.	1		Salt Lake City, Utah	1	
Fort Worth, Tex.	1		San Francisco, Cal.	1	1
Grand Rapids, Mich.	4		Troy, N. Y.	5	
Harrisburg, Pa.	2		Waltham, Mass.	1	
Hartford, Conn.		1	Washington, D. C.	2	1
Haverhill, Mass.	1	1	Wheeling, W. Va.	1	
Indianapolis, Ind.	3		Wilmington, Del.	1	
Jersey City, N. J.	1		York, Pa.	2	1
Lancaster, Pa.	1		Zanesville, Ohio	1	
Long Branch, N. J.	1				

TYPHUS FEVER.

Texas.

Senior Surg. Pierce reported that during the week ended April 14, 1917, one case of typhus fever was notified at Laredo, Tex., making a total of 80 cases of the disease reported at points along the Mexican border since July 1, 1916.

During the same week 70,653 persons were inspected at ports of entry on the Texas-Mexico border. Of this number 4,380 were disinfected for destruction of vermin, and 1,550 were vaccinated. Nine persons were refused admission because of illness.

PREVENTABLE DISEASES.

Massachusetts Report for Week Ended Apr. 7, 1917.

	New cases reported.		New cases reported.
Anthrax	1	Scarlet fever	154
Chicken pox	149	Septic sore throat	5
Diphtheria	186	Smallpox	1
German measles	154	Trachoma	2
Measles	675	Tuberculosis (pulmonary)	208
Mumps	267	Tuberculosis (other forms)	5
Ophthalmia neonatorum	44	Typhoid fever	16
Pellagra	1	Whooping cough	48

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for March, 1917.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
California	195	3,868	535	Minnesota	115	823	315
Kansas	94	6,162	496	New Jersey	437		736
Louisiana	59	933	9	South Carolina	72	1,156	6
Michigan	221	1,625	1,359	West Virginia	43	453	52

City Reports for Week Ended Apr. 7, 1917.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Over 500,000 inhabitants:										
Baltimore, Md	589,621	242	13	2	137		13		33	27
Boston, Mass	756,476	256	79	9	188		36		70	34
Chicago, Ill	2,497,722	814	165	25	1,000	9	517	31	207	85
Cleveland, Ohio	674,073		18	1	131	3	22	2	38	18
Detroit, Mich	571,784	238	101	8	141	2	260	5	19	17
Los Angeles, Cal	503,812	148	6		301	1	14	1	61	31
New York, N. Y	5,602,841	1,604	258	26	955	14	178	4	268	238
Philadelphia, Pa	1,709,518	655	72	9	88	6	33		139	91
Pittsburgh, Pa	579,090	175	28	2	64	2	15		26	26
St. Louis, Mo	757,309	235	67	5	539	9	70	5	59	17
From 300,000 to 500,000 inhabitants:										
Buffalo, N. Y	468,558	145	8	3	14		20		18	13
Cincinnati, Ohio	410,476		9		48	1	17	2	34	25
Jersey City, N. J	306,345	95	13	3	39		28		17	7
Milwaukee, Wis	436,535	130	11	3	31		109	2	17	7
Minneapolis, Minn	363,454		26		14		20			
Newark, N. J	408,894	121	15	1	90		18		35	18
New Orleans, La	371,747		13	1	27				34	22
San Francisco, Cal	463,516	174	19	1	177	1	19		27	20
Washington, D. C	363,980	112	18		164		15		18	5
From 200,000 to 300,000 inhabitants:										
Columbus, Ohio	214,878	61	2		46	3	6	1	9	4
Denver, Colo	260,800		18	2	382	2	5			13
Indianapolis, Ind	271,708		22		559		14		8	
Kansas City, Mo	297,847		6	2	171	2	74	1	1	8
Portland, Oreg	295,463	38	1		64		18		7	6
Providence, R. I	254,960	69	12		25		5			7
Rochester, N. Y	256,417	76	2		54	1	56	4	13	5
From 100,000 to 200,000 inhabitants:										
Albany, N. Y	104,199				13		5		9	
Birmingham, Ala	181,762	83	2		274	8			12	5
Bridgeport, Conn	121,579	40	7	2	19	1	2		4	2
Cambridge, Mass	112,981	141	11		71		6		6	5
Camden, N. J	106,233		3		1		2		4	
Dayton, Ohio	127,224	63	4		72		14		8	4
Fall River, Mass	128,366		9		30	2	3		12	10
Fort Worth, Tex	104,562	17	1		61					
Grand Rapids, Mich	128,291		6		237	2	19		4	5
Hartford, Conn	110,900	48	4	1	6		6		6	2
Lawrence, Mass	100,560	24	1				1		6	3
Lowell, Mass	113,245	35	7	1	8		3	2	5	6
Lynn, Mass	102,425	37	3	2	4		4			7
Nashville, Tenn	117,057	26	1		48		2		4	3
New Bedford, Mass	118,158	33	3		6		2		11	4
New Haven, Conn	149,685		2		78		1		11	5
Oakland, Cal	198,604		1		32		7		4	1
Omaha, Nebr	165,470	51	3		48		27	2	2	4
Reading, Pa	109,381	46	2		3		3	1	3	4
Richmond, Va	156,687	61	7		84		3		4	3
Salt Lake City, Utah	117,399	18	1		13		11			1
Springfield, Mass	105,942	45	11	1	28	1	13		5	3
Syracuse, N. Y	155,624		2		77		22	1	5	4
Toledo, Ohio	191,554	86	5		21	1	50	1	8	9
Trenton, N. J	111,593	60	13	3	1				14	8
Worcester, Mass	163,314	62	8		5		11		17	4

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City Reports for Week Ended Apr. 7, 1917—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 50,000 to 100,000 inhabitants:										
Atlantic City, N. J.	57,660	15	1		55		3		19	
Bayonne, N. J.	69,893		1		3		5		3	
Berkeley, Cal.	57,653	6			31		1		1	
Binghamton, N. Y.	53,973	28	9	1	33		4		3	4
Brockton, Mass.	67,449	17	2		3				2	2
Canton, Ohio	60,852	21			3				2	
Charleston, S. C.	60,734	35	5		12	1	1			7
Covington, Ky.	57,144	20	3						1	2
Duluth, Minn.	94,495	10			5		3		3	2
Elizabeth, N. J.	86,690		7	1	6		5		2	3
El Paso, Tex.	63,705	57	1		37		1	1		14
Erie, Pa.	75,195		4		76		13		9	56
Evansville, Ind.	76,078	24	1		125	4			3	3
Fort Wayne, Ind.	76,183	18	3							1
Harrisburg, Pa.	72,015	26	1	1	4					2
Hoboken, N. J.	77,214	28	3		3		7		3	4
Johnstown, Pa.	68,529	31			13		4		4	2
Lancaster, Pa.	50,853		3		23		1		2	
Little Rock, Ark.	57,343	26			31					
Malden, Mass.	51,155	13	4		12		4		1	1
Manchester, N. H.	78,283	30			4		6		3	3
Mobile, Ala.	58,221	30			19				1	5
New Britain, Conn.	53,794		1		2		3			
Norfolk, Va.	89,612				10		2		5	2
Oklahoma City, Okla.	92,943	20	1		22		5			2
Passaic, N. J.	71,744	28	2		1		2		6	5
Portland, Me.	63,867	33	1	1	1					
Rockford, Ill.	55,185	18	1		20		6		4	1
Sacramento, Cal.	66,895	23	1		11		7		2	4
Saginaw, Mich.	55,642	19	1		1		14		1	1
St. Joseph, Mo.	85,236	30	3	1	4		5			4
San Diego, Cal.	53,330	26			35		1		6	5
Schenectady, N. Y.	99,519	24	2		66				7	
Sioux City, Iowa	57,078		1				3			
Somerville, Mass.	87,039	38	8		6		3		5	5
Springfield, Ill.	61,120	18	1		5					2
Troy, N. Y.	77,916		2		30		4		2	2
Wichita, Kans.	70,722				190		2		2	1
Wilkes Barre, Pa.	76,776	21	1		3		2		7	
Wilmington, Del.	94,265	55							3	
York, Pa.	51,656		3		1				4	
From 25,000 to 50,000 inhabitants:										
Alameda, Cal.	27,732	5			7		4			
Auburn, N. Y.	37,385	17	2	2					1	1
Brookline, Mass.	32,730	8	1		4					
Butler, Pa.	27,632	6	1		2		5			
Butte, Mont.	43,425	26	13		17				11	2
Chelsea, Mass.	46,192	13	2		1				3	
Chicopee, Mass.	29,319	13			4				5	3
Clinton, Iowa	27,386	2			14					1
Cumberland, Md.	26,074	4			4				1	
Danville, Ill.	32,261	16			7					
Davenport, Iowa	48,811				1		1			
Dubuque, Iowa	39,873		2		2		2		2	2
East Chicago, Ind.	28,743		1		22	1	6			3
East Orange, N. J.	42,458	6			8				4	
Elgin, Ill.	28,203	5			15					
Everett, Mass.	39,233	7	3	1	8		1		1	
Everett, Wash.	35,486	5			20				1	
Fitchburg, Mass.	41,781	11	3		8		2			4
Galveston, Tex.	41,863	13							1	2
Haverhill, Mass.	48,477		6		16		2		2	3
Jackson, Mich.	35,363	10	5		23		8		3	2
Kalamazoo, Mich.	48,886	19	1	1	1		1		3	4
Kenosha, Wis.	31,576	7	1		41				1	1
Kingston, N. Y.	26,771	14					1		2	3
Knoxville, Tenn.	38,676				4				4	
La Crosse, Wis.	31,677	12					2			1
Lexington, Ky.	41,097	16	1		20				6	2
Lima, Ohio	35,384	9			1		3			

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City Reports for Week Ended Apr. 7, 1917—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabitants—Continued.										
Long Beach, Cal	27,587	9			3				1	1
Lorain, Ohio	36,964		1		8		6		1	
Lynchburg, Va	32,940	11			3	1			1	2
Madison, Wis	30,699		1		1		12			1
McKeesport, Pa	47,521	20	1		2					1
Medford, Mass	26,234	9	1		10		1		2	
Montclair, N. J	26,318	6	1		3				1	1
Newburgh, N. Y	29,603	8	1	1						1
New Castle, Pa	41,133				5				5	
Newport, Ky	31,927	12							1	1
Newport, R. I	30,108	6	2							1
Newton, Mass	43,715	13	2		10		1		2	
Niagara Falls, N. Y	37,353	15			20		1			3
Norristown, Pa	31,401	8	1	1	1					1
Ogden, Utah	31,404	9			7		5			
Orange, N. J	33,080				2		1		3	1
Pasadena, Cal	46,450	13			9				4	2
Perth Amboy, N. J	41,185		2		2		1		4	
Pittsfield, Mass	38,629				2		4		2	2
Portsmouth, Va	39,651	7			22	1	5			1
Quincy, Ill	36,798	11	2		11					1
Quincy, Mass	38,136				3		1		3	1
Racine, Wis	46,486	22					2		2	2
Roanoke, Va	43,284	11			44				3	1
San Jose, Cal	38,902				5		1		1	
Steubenville, Ohio	27,445	9								
Superior, Wis	46,226	12	2				1			2
Taunton, Mass	36,283	11					1		3	2
Topeka, Kans	48,726	9	3		37		2		3	2
Waltham, Mass	30,570	6	2				1		1	2
Watertown, N. Y	29,894	5			11					
West Hoboken, N. J	43,139	9	4						5	2
Wheeling, W. Va	43,377	18	2		1		2			2
Williamsport, Pa	33,809		3		42					
Wilmington, N. C	29,892	8	1		21					1
Winston-Salem, N. C	31,155	19		1	14		4		3	2
Zanesville, Ohio	30,863	9							1	
From 10,000 to 25,000 inhabitants:										
Ann Arbor, Mich	15,010	6					4			
Beaver Falls, Pa	13,532				1					
Braddock, Pa	21,685				3					
Cairo, Ill	15,794	5			50		1			3
Coffeyville, Kans	17,548				2				2	
Concord, N. H	22,669	9	5		3		1			1
Galesburg, Ill	24,276	9	4		1					
Harrison, N. J	16,950		2				2			
Kearny, N. J	23,539	7					1			
Kokomo, Ind	20,930	8	2		4					
Long Branch, N. J	15,395	2			20					
Marinette, Wis	[1] 14,610	4								1
Melrose, Mass	17,445	5			7		1			
Morristown, N. J	13,284	4	1		1				1	
Muscatine, Iowa	17,500				4					
Nanticoke, Pa	23,126	4								
Newburyport, Mass	15,243	9			37					
New London, Conn	20,985	8			2					
North Adams, Mass	[1] 22,019	5			2		1		4	
Northampton, Mass	19,926	8	1		11		2		5	
Plainfield, N. J	23,805	11			4				2	1
Pontiac, Mich	17,524		1		4		5			
Portsmouth, N. H	11,666				1		1			
Rocky Mount, N. C	12,067	4			2				1	
Rutland, Vt	14,831	1			1		2			
Sandusky, Ohio	20,193	2			1				3	
Saratoga Springs, N. Y	12,842	2					1			
Steelton, Pa	15,548	8	1		5		4		3	
Wilkinsburg, Pa	23,228	14	1		2		1		1	2
Woburn, Mass	15,969	4								

[1] Population Apr. 15, 1910; no estimate made.

FOREIGN.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Mar. 21-31, 1917.		Remaining under treatment Mar. 31, 1917.	Disease.	Mar. 21-31, 1917.		Remaining under treatment Mar. 31, 1917.
	New cases.	Deaths.			New cases.	Deaths.	
Diphtheria	9	2	5	Scarlet fever	3		4
Leprosy			9	Smallpox			[1] 1
Malaria	6		17	Typhoid fever	13	2	39
Measles	26		30	Varicella	3		4
Paratyphoid fever		1	3				

[1] From Europe.

GREECE.

Plague—Athens.

Two cases of plague were reported in military hospital at Athens, April 23, 1917.

INDIA.

Protection of Vessels against Access of Rats—Bombay.

Measures to protect vessels against access of rats were ordered February 17, 1917, to be enforced at Bombay as follows: A space of at least 3 feet shall be provided between any part of the vessel and the wall of the dock or wharf. All ropes and hawsers connecting the vessel with the dock or wharf shall be furnished with an approved rat guard. As few gangways shall be used as possible; all gangways shall be raised at night; and a watchman shall be placed on each gangway during the day from the time the gangway is lowered until it is raised. A responsible person shall be deputed to insure these measures being applied immediately after the vessel is berthed.

ITALY.

Typhus Fever—Corato.

During the week ended March 11, 1917, 5 cases of typhus fever were reported at Corato, Bari Province, Italy.

PERU.

Plague—Jan. 1–Feb. 15, 1917.

During the period from January 1 to February 15, 1917, 101 cases of plague, occurring mainly in cities, were notified in Peru. The cases were distributed according to departments as follows:

Department.	New cases.	Department.	New cases.
Ancachs:		Libertad	[1] 60
Casma	3	Lima:	
Callao:		Lima	[2] 22
Callao	3	Piura:	
Lambayeque:		Catacaos	11
Chiclayo	2		

[1] Occurring in Guadalupe, Pacasmayo, Salaverry, San Pedro, Trujillo (city and country), and Viru.
[2] City and country.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During the Week Ended Apr. 27, 1917.[1]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bassein	Feb. 4–17		19	
Calcutta	do		30	
Moulmein	Feb. 4–10		4	
Rangoon	Feb. 11–17	1	1	
Philippine Islands:				
Manila				Feb. 18–24, 1917: 1 case. Not previously reported.
Provinces				Feb. 18–24, 1917: Cases, 178; deaths, 122.
Albay	Feb. 18–24	1	1	
Antique	do	69	33	
Capiz	do	12	8	
Cebu	do	16	15	
Leyte	do	49	40	1 case and 2 deaths not previously reported.
Misamis	do	12	9	
Romblon	do	8	5	
Sorsogon	do	11	11	

PLAGUE.

China:				
Amoy	Feb. 18–Mar. 3			Present in vicinity.
Egypt				Jan. 1–Mar. 8, 1917: Cases, 28; deaths, 18.
Port Said	Feb. 27–Mar. 7	3	3	
Provinces—				
Assiout	Mar. 8	8	7	Pneumonic.
Fayoum	Feb. 28–Mar. 3	3	2	
Greece:				
Athens	Apr. 23	2		In military hospital.
India				Feb. 4–17, 1917: Cases, 35,093; deaths, 28,162.
Basein	Feb. 4–17		16	
Bombay	Feb. 11–24	71	55	
Madras Presidency	do	818	509	
Mandalay	Feb. 4–17		6	
Moulmein	do		7	
Myingyan	Feb. 4–10		1	
Prome	Feb. 4–17		15	
Rangoon	Feb. 11–17	38	34	
Toungoo	Feb. 4–17		10	
Peru				Jan. 1–Feb. 15, 1917: 101 cases.
Department—				
Ancachs—				
Casma	Jan. 1–Feb. 15	3		
Callao—				
Callao	do	3		
Lambayeque—				
Chiclayo	do	2		

[1] From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During the Week Ended April 27, 1917—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Department—Continued.				
Libertad	Jan. 1-Feb. 15	60		Occurring in Guadalupe, Pacasmayo, Salaverry, San Pedro, Trujillo (city and country), and Viru.
Lima—				
Lima	do	22		City and country.
Piura—				
Catacaos	do	11		

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Austria—				
Vienna	Mar. 4-10	1		
Hungary—				
Budapest	Feb. 26-Mar. 4	12	1	
Canary Islands:				
Las Palmas	Feb. 25-Mar. 3	1		On American vessel.
China:				
Amoy	Feb. 18-Mar. 3			Present in vicinity.
Hongkong	Feb. 25-Mar. 3	22	17	
Egypt:				
Alexandria	Feb. 10-Mar. 4	2	2	
Germany				Jan. 7-13, 1917: Cases, 45.
Barnitz	Jan. 7-13	1		
Bevensen	do	1		
Bomlitz	do	2		
Celle	do	1		
Danenberg	do	1		
Dendorf	do	1		
Egestorf	do	1		
Geesthacht	do	2		
Gosewerder	do	2		
Hamburg	do	19		
Harburg	do	1		
Husum	do	1		
Lubeck	do	8		
Reinfeld	do	1		
Soltau	do	1		
Undelos	do	1		
Winsen	do	1		
India:				
Bombay	Feb. 11-24	25	4	
Madras	Feb. 11-17	34	4	
Rangoon	do	7		
Mexico:				
Progreso	Apr. 7	1		Hemorrhagic.
Philippine Islands:				
Manila	Feb. 11-17	3		
Russia:				
Warsaw				Mar. 4-May 20, 1916: Cases, 65; deaths, 7.
Switzerland:				
Basel	Mar. 4-10	2		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During the Week Ended April 27, 1917—Continued.

TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary:				
Austria—				
Prague	Mar. 4-10	1		
Vienna	Mar. 4-17	6	1	
Hungary—				
Budapest	Feb. 26-Mar. 4	27	3	
Egypt:				
Alexandria	Feb. 19-Mar. 4	120	23	
Italy:				
Bari, province—				
Corato	Mar. 5-11	5		
Mexico:				
Monterey	Apr. 1-8		1	
Netherlands:				
Amsterdam	Feb. 25-Mar. 3	2		
Russia:				
Warsaw				Mar. 4-May 20, 1916: Cases, 830; deaths, 80.
Turkey in Asia:				
Trebizond	Jan. 7-13		2	

Reports Received from Dec. 30, 1916, to Apr. 20, 1917.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Macao				Outbreak with 72 cases reported Mar. 1, 1917.
Chosen (Korea)	Aug.-Dec. 29	4,998		
India:				
Bassein	Dec. 31-Feb. 3		14	
Bombay	Nov. 5-Dec. 23	13	12	
Do	Jan. 14-Feb. 10	7	6	
Calcutta	Oct. 15-Dec. 30		161	Oct. 8-14, 1916: Cases, 3.
Do	Dec. 31-Feb. 10		58	
Madras	Nov. 5-Dec. 16	5		
Do	Dec. 31-Feb. 10	6	4	Dec. 17-23, 1916: One case.
Moulmein	Dec. 31-Feb. 3		3	
Rangoon	Nov. 26-Dec. 30	5	6	
Do	Dec 31-Feb. 10	8	7	
Indo-China				Apr. 1-June 30, 1916: Cases, 4,540; deaths, 2,869.
Do				July 1-Dec. 31, 1916: Cases, 2,984; deaths, 2,398.
Provinces—				
Anam	Apr. 1-June 30	1,381	2,309	
Do	July 1-Dec. 31	700	544	
Cambodia	May 1-June 30	47	13	
Do	July 1-Dec. 31	164	116	
Cochin-China	Apr. 1-June 30	269	111	
Do	July 1-Dec. 31	123	111	
Kwang-Tcheou-Wan	July 1-Nov. 30	271	264	
Laos	Apr. 1-June 30	102	57	
Do	July 1-Nov. 30	652	630	
Tonkin	Apr. 1-June 30	2,780	1,385	
Do	July 1-Dec. 31	999	725	
Saigon	Dec. 25-31	4	3	
Do	Jan. 29-Feb. 4	3	3	
Japan:				
Fukuoka	Jan. 19	33		
Nagasaki	Nov. 27-Dec. 3	9	4	
Do	Feb. 19-25	1	1	
Osaka	Nov. 16-Dec. 25	23	57	Aug. 13-Dec. 25, 1916: Cases, 971; deaths, 754.
Do	Dec. 26-Jan. 25	19	10	Jan. 6-16, 1917: Cases, 9. Aug. 14, 1916-Jan. 25, 1917: Cases, 990; deaths, 641.
Taiwan Island—				
Keelung	Nov. 13-Dec. 23	5	7	
Do	Feb. 18-24		1	
Taihoku	do	14	5	
Tokyo	Jan. 23-Feb. 4	4		
Yokohama	Nov. 6-Dec. 3	5	3	
Districts	do	1	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java	Oct. 14-17	5	3	
West Java				Nov. 17-Dec. 14, 1916: Cases, 135; deaths, 65.
Batavia	Nov. 17-Dec. 7	23	9	
Persia:				
Enzeli	Mar. 21-Sept. 9	74	37	
Kazvin	July 18-Sept. 19	107	65	
Mazanderan Province—				
Amol	Nov. 16			Epidemic.
Ferikenar	Nov. 30	8	8	
Recht	Mar. 21-Oct. 14	165	60	
Teheran	Aug. 3-Oct. 18	428	409	At two localities in vicinity: Cases, 64; deaths, 38.
Philippine Islands:				
Manila	Oct. 29-Dec. 30	201	70	Not previously reported: Cases, 54; deaths, 2.
Do	Dec. 31-Feb. 17	13	7	
Provinces				Oct. 29-Dec. 9, 1916: Cases, 4,191; deaths, 2,030. Dec. 17-30, 1916: Cases, 282; deaths, 188. Dec. 31, 1916-Feb. 17, 1917: Cases, 1,157; deaths, 843.
Albay	Oct. 29-Dec. 9	245	147	
Do	Dec. 17-30	20	10	
Do	Dec. 31-Feb. 17	56	42	
Antique	Nov. 18-25	8	7	
Do	Dec. 31-Feb. 17	47	46	
Bataan	Oct. 29-Dec. 9	93	77	
Do	Dec. 17-23	2	2	
Do	Dec. 31-Jan. 6	2	3	
Batangas	Oct. 29-Nov. 18	1	1	
Bohol	Oct. 29-Dec. 9	46	18	
Do	Dec. 17-23	1		
Bulacan	Oct. 29-Dec. 9	96	67	
Do	Dec. 17-23	10	6	
Camarines	Oct. 29-Dec. 9	61	37	
Capiz	do	45	34	
Do	Dec. 17-30	27	23	
Do	Dec. 31-Feb. 17	125	98	
Cavite	Oct. 29-Dec. 9	156	113	
Do	Dec. 17-30	24	13	
Do	Dec. 31-Feb. 10	45	33	
Cebu	Dec. 24-30	12	6	
Do	Jan. 7-Feb. 17	71	32	
Iloilo	Oct. 29-Dec. 9	237	148	
Do	Dec. 17-30	37	31	
Do	Dec. 31-Feb. 10	51	44	
Laguna	Nov. 2-25	12	10	
Leyte	Oct. 29-Dec. 9	127	98	
Do	Dec. 17-30	90	62	
Do	Dec. 31-Feb. 17	338	271	
Masbate	Dec. 17-23	8	2	
Mindanao	Jan. 14-Feb. 3	25	18	
Mindoro	Dec. 31-Feb. 3	8	7	
Misamis	Oct. 29-Dec. 9	126	79	
Do	Dec. 17-30	17	12	
Do	Dec. 31-Feb. 17	37	27	
Negros Occidental	Oct. 29-Dec. 9	910	553	
Do	Dec. 24-30	11	5	
Do	Jan. 7-Feb. 10	51	46	
Pampanga	Dec. 3-9	4	3	
Do	Dec. 17-23	6	5	
Do	Dec. 31-Jan. 6	1	1	
Rizal	Oct. 29-Dec. 9	27	14	
Do	Dec. 17-30	4		
Do	Dec. 31-Jan. 27	2		
Romblon	Jan. 28-Feb. 3	9	2	
Samar	Nov. 5-18	13	10	
Do	Dec. 31-Feb. 3	165	123	
Sorsogon	Oct. 29-Dec. 2	131	71	
Do	Dec. 17-23	1	2	
Do	Jan. 21-Feb. 17	92	53	
Tayabas	Nov. 5-18	1	1	
Zambales	Oct. 29-Dec. 2	7	1	
Straits Settlements:				
Singapore	Oct. 22-28	2	2	
Do	Jan. 7-Feb. 17	2	2	
Turkey in Asia				Sept. 22-Dec. 12, 1916: Cases, 258; deaths, 117. July 14-Dec. 25, 1916: Cases, 9,542; deaths, 4,897.
Aleppo	Dec. 9-15		1	
Bagdad	Nov. 6-30	17	6	
Beirut	Dec. 7-12	2	1	
Tarsus	Nov. 7	1	1	
Turkey in Europe:				
Constantinople	Oct. 1-Nov. 17	8	1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia	Nov. 5-Dec. 16	15	9	Jan. 1-Nov. 11, 1916: Cases, 14; deaths, 7. Nov. 5-11: Cases, 4; deaths, 2.
Do	Jan. 7-Feb. 24	4	3	
Joazeiro				June 1-Nov. 6, 1916: Cases, 67; deaths, 51.
Pernambuco, State	Jan. 16-Feb. 16			Present in interior cities.
Ceylon:				
Colombo	Oct. 28-Dec. 30	50	30	July 23-29, 1916: Cases, 9; deaths, 8.
Do	Dec. 31-Jan. 27	18	16	
Chile:				
Antofagasta	Mar. 12	2		
Tacna	do	1		
Tocopilla	Sept. 12	1	1	
China:				
Amoy, vicinity	Nov. 19-Dec. 2			Present.
Chaochowfu	Feb. 24			Present. 26 miles from Swatow.
Hongkong	Dec. 24-30	1	1	
Do	Jan. 21-Feb. 3	24	12	Present in vicinity.
Kansu Province—				
Taochow	Oct. 1-24		20	Pneumonic. Reported present in other localities in Province.
Ecuador				Sept. 1-Dec. 31, 1916: Cases, 353; deaths, 119.
Duran	Oct. 1-Dec. 31	2		
Guayaquil	Sept. 1-Dec. 31	347	116	Jan. 1-31, 1917: Cases, 106; deaths, 43.
Do	Jan. 1-31	104	43	
Milagro	Nov. 1-Dec. 31	2	1	
Naranjal	Jan. 1-31	1		
Nobol	Oct. 1-31	1	1	
Santa Rosa	Sept. 1-30	1	1	
Taura	Jan. 1-31	1		
Egypt				Jan. 1-Dec. 30, 1916: Cases, 1,702; deaths, 828. Jan. 1-Feb. 16, 1917: Cases, 14; deaths, 6.
Alexandria	Nov. 12-Dec. 25	4	3	1 case on s. s. Proton, arrived Nov. 16, 1916, from Sidi Barani and Sollum.
Do	Feb. 21	1		
Port Said	Dec. 11	1		
Do	Jan. 18-Feb. 20	5	1	
Provinces—				
Beni-Souef	Feb. 1	1		
Fayoum	Jan. 24-Feb. 16	2	1	
Minieh	Jan. 25-Feb. 9	2	2	
Gold Coast:				
Akkra	Apr. 4			Present.
Hawaii:				
Paauilo	Mar. 7	1	1	
India				Oct. 15-Dec. 23, 1916: Cases 89,512; deaths, 67,068. Dec. 31, 1916-Feb. 3, 1917: Cases, 99,635; deaths, 80,467.
Bassein	Oct. 22-Dec. 30		7	
Do	Dec. 31-Feb. 3		20	
Bombay	Nov. 5-Dec. 30	73	59	Oct. 8-14, 1916: Cases, 13; deaths, 7. Received out of date. Original report lost on s. s. Arabia.
Do	Dec. 31-Feb. 10	86	79	
Karachi	Oct. 29-Dec. 30	4	3	
Do	Dec. 31-Feb. 17	8	5	
Madras	Nov. 19-Dec. 30	7	5	Oct. 8-14, 1916: Cases, 1; deaths, 1.
Do	Dec. 31-Feb. 10	6	4	
Madras Presidency	Nov. 5-Dec. 30	5,854	3,932	Oct. 8-14, 1916: Cases, 534; deaths, 353. Sept. 17-23, 1916: Cases, 429; deaths, 280.
Do	Dec. 31-Feb. 10	4,328	2,868	
Mandalay	Oct. 28-Dec. 30		3	
Moulmein	Dec. 3-9		1	
Prome	Oct. 22-Dec. 30		177	
Do	Dec. 31-Feb. 3		86	
Rangoon	Oct. 28-Dec. 30	43	39	Oct. 1-7, 1916: Cases, 9; deaths, 9.
Do	Dec. 31-Feb. 10	127	117	
Toungoo	Oct. 22-Dec. 30		12	
Do	Dec. 31-Feb. 3		15	
Indo-China				Apr. 1-June 30, 1916: Cases, 325; deaths, 148. July 1-Dec. 31, 1916: Cases, 230; deaths, 142.
Provinces—				
Anam	Apr. 1-June 30	142	83	
Do	July 1-Dec. 31	75	49	
Cambodia	Apr. 1-June 30	43	41	
Do	July 1-Dec. 31	57	54	
Cochin-China	Apr. 1-June 30	135	63	
Do	July 1-Nov. 30	58	22	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China—Continued.				
Provinces—Continued.				
Kwang-Tcheou-Wan	July 1-Nov. 30	29	8	
Tonkin	Oct. 1-31	2		
Saigon	Nov. 6-Dec. 17	9	3	
Do	Jan. 1-Feb. 4	10	7	
Japan:				
Nagoya	Dec. 10-16	2		
Taiwan Island—				
Shirin	Feb. 18-24	1	1	Three miles from Taihoku.
Tansui	Feb. 15-21	3	3	
Yokkaichi	Nov. 12-Dec. 16	32	12	
Java:				
East Java				Aug. 26-Dec. 31, 1916: Cases, 133; deaths, 116.
Djocjakarta Residency	Nov. 4-Dec. 31	2	2	
Kediri Residency	Aug. 26-Dec. 31	20	18	
Madioen Residency	do	8	8	
Pasoeroean Residency	do	3	3	
Samarang Residency	Dec. 2-31	6	6	
Surabaya Residency	Aug. 26-Dec. 31	49	49	
Surakarta Residency	do	28	28	
Mid-Java—				
Samarang	do	1	1	
Mauritius	Dec. 9-Feb. 3	20	11	District of Port Louis.
Siam:				
Bangkok	Oct. 22-Dec. 30	12	10	
Do	Jan. 14-Feb. 17	9	7	
Straits Settlements:				
Penang	Jan. 28-Feb. 3	2	1	
Singapore	Oct. 22-Dec. 30	7	7	
Do	Dec. 31-Feb. 24	9	8	
Union of South Africa:				
Cape of Good Hope State—				
Uitenhage district	Oct. 31-Nov. 12	2	2	Total, Oct. 23-Nov. 12, 1916: Cases, 24; deaths, 13.
Orange Free State—				
Winburg district	Feb. 5-11	6	2	On a farm.
Transvaal—				
Potchefstroom district	Dec. 21-Jan. 21	12	12	On 2 adjoining farms.

SMALLPOX.

Australia:				
New South Wales—				
Coonamble	Dec. 8	1		
Queensland—				
Thursday Island, quarantine station.	Feb. 8	1		On steamship St. Albans from Kobe via Hongkong. Vessel proceeded in quarantine to Townsville, Brisbane, and Sydney, arriving Feb. 16. Released Feb. 23.
Austria-Hungary:				
Austria—				
Prague	Jan. 21-27	1		
Vienna	Nov. 12-Dec. 9	8	1	
Do	Feb. 11-17	1		
Hungary—				
Budapest	Nov. 5-Dec. 23	73	2	
Do	Dec. 31-Feb. 24	47	8	
Brazil:				
Bahia	Nov. 12-Dec. 23	5		
Do	Jan. 7-Mar. 3	8		
Rio de Janeiro	Nov. 12-Dec. 30	50	12	
Do	Dec. 31-Mar. 10	106	31	
Canada:				
Alberta—				
Lethbridge	Feb. 1-28	2		
British Columbia—				
Vancouver	Feb. 18-24	1		
Victoria	Feb. 11-17	1		
Manitoba—				
Winnipeg	Feb. 11-Mar. 31	5		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Ontario—				
Kingston	Mar. 11-17	1		
Sarnia	Jan. 28-Feb. 10	3		
Toronto	Jan. 28-Mar. 31	6		
Ceylon:				
Colombo	Dec. 31-Jan. 6	1		
China:				
Amoy	Oct. 31-Dec. 9			Present. Dec. 10-16, 1916: Cases, 3.
Do	Feb. 11-17			Present.
Antung	Jan. 8-14	2	1	
Canton	Nov. 1-Dec. 20		14	
Chungking	Oct. 28-Dec. 30			Present.
Do	Dec. 31-Feb. 17			Do.
Dairen	Nov. 5-Dec. 30	63	8	
Do	Dec. 31-Mar. 3	46	17	In vicinity, Jan. 14-20, 1917, 1 case.
Foochow	Oct. 29-Dec. 16			Present.
Harbin	Nov. 6-Dec. 17	3		
Hongkong	Oct. 28-Dec. 3	349	243	
Do	Dec. 31-Mar. 10	467	386	Present in vicinity.
Kwangtung Province—				
Chaoyang district	Jan. 21-27			Present. Vicinity of Swatow.
Mukden	Dec. 9-30			Do.
Do	Dec. 31-Mar. 18			Do.
Nanking	Nov. 12-25			Do.
Shanghai	Jan. 28-Feb. 3	1		
Tientsin	Dec. 17-30	1	1	
Do	Jan. 28-Feb. 3	2		
Tsingtao	Dec. 1-9	3		
Do	Dec. 28-Feb. 24	58	2	
Colombia:				
Espinal	Feb. 17			Present. Suburb of Cartagena.
Cuba:				
Casa Blanca	Jan. 12	1		Vicinity of Habana. Case landed Jan. 1, 1917, from s. s. Alfonso XII, from Santander, Spain.
Encrucijada	Jan. 10	1		In Santa Clara Province. Case landed from s. s. Montevideo, from Barcelona, via Las Palmas, Canary Islands, and Porto Rico, arrived at Habana Jan. 6, 1917.
Guanabacoa	Jan. 9	1		Vicinity of Habana. Case landed from s. s. Montevideo.
Habana	Jan. 10-20	2		At Mariel quarantine station. From s. s. Montevideo.
Ecuador:				
Guayaquil	Nov. 1-30	10	1	
Egypt:				
Alexandria	Dec. 25-31		3	
Do	Jan. 8-Mar. 4	5	3	
Cairo	June 11-July 1	50	20	
Do	July 2-Oct. 21	60	20	
Port Said	June 11-17	1	1	
Do	Aug. 20-Sept. 9	2	1	
France:				
Marseille	Oct. 1-Dec. 31		16	
Do	Feb. 1-28		2	
Paris	Dec. 17-23	1		
Do	Jan. 14-20		1	
Germany:				
Bremen	Dec. 31-Jan. 20	2		
Hamburg district	do	52		
Great Britain:				
Liverpool	Feb. 4-Mar. 3	3	1	
Greece:				
Athens	Jan. 1-Mar. 5		6	
Hawaii:				
Honolulu	Jan. 9	1		From s. s. Tenyo Maru from oriental ports.
Do	Jan. 24	1		From s. s. Ecuador from Hongkong.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Dec. 10-30	5	1	Oct. 8-14, 1916: Cases, 3; deaths, 3. Received out of date. Original report lost on s. s. Arabia.
Do	Dec. 31-Feb. 10	45	19	
Calcutta	Nov. 5-Dec. 2		2	
Karachi	Dec. 31-Jan. 13	2		
Madras	Nov. 5-Dec. 30	35	19	
Do	Dec. 31-Feb. 17	107	23	
Moulmein	Oct. 28-Nov. 14		4	
Rangoon	Oct. 28-Dec. 30	17	1	
Do	Dec. 31-Feb. 10	18	2	
Indo-China:				
Provinces				Apr. 1-June 30, 1916: Cases, 331; deaths, 28. July 1-Dec. 31, 1916: Cases, 593; deaths, 194.
Anam	Apr. 1-June 30	45	8	
Do	July 1-Dec. 31	114	43	
Cambodia	Apr. 1-June 30	30	11	
Do	July 1-Dec. 31	24	10	
Cochin-China	Apr. 1-June 30	44	5	
Do	July 1-Dec. 31	336	99	
Laos	Aug. 1-Oct. 31	39	16	
Tonkin	Apr. 1-June 30	215	4	
Do	July 1-Dec. 31	69	25	
Saigon	Nov. 6-Dec. 31	28	7	
Do	Jan. 1-Feb. 4	48	14	
Italy:				
Turin	Feb. 19-Mar. 4	8	2	Roumanian refugees.
Japan:				
Ehime	Jan.-Feb.			Present.
Hyogo	do			Do.
Kagawa	do			Do.
Kobe	Nov. 28-Dec. 10	4	1	
Do	Jan 1-Mar. 11	65	15	
Kochi	Jan.-Feb.			Present.
Osaka	Jan. 22-Mar. 5	225	42	
Java:				
East Java				Sept. 16-Dec. 31, 1916: Cases, 92; deaths, 2.
Surabay	Nov. 4-10	1		
Mid-Java				Sept. 16-Dec. 29, 1916: Cases, 227; deaths, 24.
Samarang	Nov. 4-10	3		
West Java				Sept. 29-Dec. 28, 1916: Cases, 408; deaths, 63.
Batavia	Sept. 29-Dec. 28	54	9	
Do	Dec. 29-Jan. 11	22	1	
Mexico:				
Durango	Feb. 17			Present; also in vicinity.
Mexico City	Dec. 10-30	20		
Do	Dec. 31-Mar. 3	72		
Monterey	Mar. 12-25		2	
Nuevo Laredo	Dec. 10-30	1		
Vera Cruz	Feb. 18-24		1	
New Zealand:				
Auckland	Feb. 4-10	4		
Norway:				
Trondhjem	Jan. 1-31	2		
Philippine Islands:				
Manila	Jan. 21-Feb. 10	12		July 30-Dec. 30, 1916: Cases, 10.
Portugal:				
Lisbon	Nov. 19-Dec. 2	6		
Portuguese East Africa:				
Lorenzo Marques	Sept. 1-30		1	
Russia:				
Archangel	Nov. 25-Dec. 29	6	1	
Do	Jan. 1-Feb. 13	44	8	
Moscow	Oct. 16-Dec. 31	139	49	Nov. 13-25, 1916: Cases, 35; deaths, 8.
Petrograd	Oct. 8-Dec. 30	180	55	
Do	Dec. 31-Jan. 13	31	9	
Poland				Oct. 1-Dec. 2, 1916: Cases, 38.
Warsaw	Oct. 1-Dec. 2	25		
Riga	Dec. 31-Jan. 27	4		
Vladivostock	Jan. 22-Feb. 4	8	2	
Spain:				
Cadiz	Nov. 1-Dec. 31		3	
Madrid	do		144	Jan. 1-Dec. 31, 1916: Deaths, 405.
Do	Jan. 1-31		35	
Malaga	Sept. 1-Nov. 30		15	
Seville	Nov. 1-30		22	
Do	Jan. 1-Feb. 28		16	
Valencia	Nov. 19-Dec. 23	5	1	
Do	Jan. 14-Mar. 10	7		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Penang	Oct. 28-Dec. 30	16	3	
Do	Dec. 31-Mar. 3	32	4	
Singapore	Nov. 19-Dec. 30	3	2	
Do	Jan. 7-Feb. 17	2	1	
Sweden:				
Gothenburg	Jan 28-Feb. 3		1	
Switzerland:				
Basel	Nov. 5-11	1		
Do	Dec. 31-Mar. 3	26		
Tunisia:				
Tunis	Nov. 25-Dec. 15	51	27	
Do	Dec. 30-Mar. 9	68	23	
Turkey in Asia:				
Trebizond	Nov. 11-Dec. 30	1	1	
Do	Dec. 31-Feb. 3	5	4	
Union of South Africa:				
Johannesburg	Sept. 10—Dec. 30	45		
Do	Dec. 31-Jan. 27	6		
Venezuela:				
Maracaibo	Mar. 3-24		18	
On vessel:				
S. S. Nippon Maru	Jan. 22	2		Landed at Yokohama quarantine.
Do	Jan. 24-Feb. 3	9	3	En route to Honolulu. Vessel from oriental ports.

TYPHUS FEVER.

Argentina:				
Rosario	Nov. 1-30		1	
Austria-Hungary:				
Austria—				
Prague	Jan. 28-Feb. 24	4		
Vienna	Nov. 5-Dec. 30	21	2	
Do	Dec. 31-Mar. 3	31		
Hungary—				
Budapest	Nov. 5-Dec. 30	3	1	
Do	Jan. 14-Feb. 24	20	3	
Belgium:				
Ghent	Oct. 29-Nov. 4		1	
Liege	do		1	
Do	Jan. 28-Feb. 3		1	
China:				
Antung	Nov. 27-Dec. 10	6		
Do	Jan. 15-21	2		
Hankow	Nov. 12-18	1		
Tientsin	Oct. 29-Nov. 4	1		
Tsingtao	Dec. 28-Feb. 24	4		
Cuba:				
Santiago	Dec. 7-13	1	1	
Egypt:				
Alexandria	Nov. 12-Dec. 31	28	12	Nov. 19-25, 1916: 1 case; Dec. 17-23, 1916: Cases, 4.
Do	Jan. 1-Mar. 4	271	53	
Cairo	June 11-July 1	275	142	
Do	July 2-Oct. 28	285	149	
Port Said	June 11-17	20	9	
Do	July 2-Oct. 14	10	8	
Germany:				
Berlin	Oct. 15-Dec. 23		7	
Bremen	Oct. 22-Dec. 30	1	3	
Do	Dec. 31-Jan. 13	1	2	
Frankfort-on-Main	Nov. 12-18		1	
Königsberg	Nov. 12-Dec. 23	5	5	
Do	Dec. 31-Jan. 20	5	2	
Marienwerder district	Dec. 3-9	1		Prison camp.
Neidenburg	Oct. 29-Nov. 18	7		
Nuremberg	Oct. 29-Nov. 11	3		
Stettin	Jan. 21-27		1	
Great Britain:				
Belfast	Mar. 11-17	10		
Cork	Jan. 7-Feb. 3	1	1	
Glasgow	Dec. 3-30	4		
Do	Jan. 7-13		1	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from Dec. 30, 1916, to Apr. 20, 1917—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Saloniki	Nov. 7-Dec. 25		36	
Do	Dec. 26-Feb. 17		22	
Java:				
East Java				Sept. 16-Dec. 16, 1916: Cases, 10
Mid-Java				Sept. 16-Dec. 29, 1916: Cases, 87; deaths, 7.
Samarang	Nov. 4-Dec. 1	10		
West Java				Sept. 29-Dec. 28, 1916: Cases, 185; deaths 13. Dec. 29, 1916-Jan. 18, 1917: Cases 53; deaths, 2.
Batavia	Sept. 29-Dec. 28	139	12	
Do	Dec. 29-Jan. 18	42	1	
Mexico:				
Aguascalientes	Dec. 22			Epidemic.
Ciudad Juarez				July, 1916-Feb. 5, 1917: Cases, 100 (estimated).
Durango	Dec. 12			Present.
Do	Jan.-Feb.			Present. Estimated deaths daily, about 25. Present throughout year 1916.
Mexico City	Dec. 3-30	835		
Do	Dec. 31-Mar. 3	1,028		
Nuevo Laredo	Dec. 10-16	4		July 1-Dec. 16, 1916: Cases, 28.
Netherlands:				
Rotterdam	Nov. 26-Dec. 30	8		
Do	Feb. 4-10	1		
Russia:				
Archangel	Nov. 25-Dec. 29	29	9	
Do	Jan. 1-Feb. 10	32	15	
Moscow	Oct. 16-Dec. 31	127	17	
Petrograd	Oct. 8-Dec. 30	155	44	
Do	Dec. 31-Jan. 13	8	1	
Poland				Oct. 1-Dec. 2, 1916: Cases, 1,538; deaths, 119. In invaded regions.
Lodz	Oct. 1-Dec. 2	201	20	
Warsaw	do	611	36	
Vladivostok	Jan. 22-Feb. 4	2		
Spain:				
Madrid	Nov. 1-Dec. 31		3	Jan. 1-Dec. 31, 1916: Deaths, 35.
Do	Jan. 1-Feb. 28		3	
Straits Settlements:				
Penang	Feb. 25-Mar. 3	1		
Sweden:				
Stockholm	Nov. 28-Dec. 4	1		
Do	Dec. 31-Jan. 6	3		
Switzerland:				
Basel	Feb. 18-24	1		
Zurich	Dec. 3-9	1		
Do	Jan. 1-31	3		
Tunisia:				
Tunis	Dec. 16-22	1		
Turkey in Asia				Feb. 7, 1917: 54 cases reported in Army of the Orient.
Haifa	Oct. 16-22	1		
Trebizond	Dec. 17-30	3	3	
Do	Dec. 31-Feb. 3		3	

YELLOW FEVER.

Brazil:				
Espirito, Santo, State	Jan. 27-Feb. 26	18	4	
Ecuador:				
Babahoyo	Nov. 1-30	1	1	
Chobo	do	1		
Duran	Oct. 1-31	1		
Guayaquil	Sept. 1-Dec. 31	46	24	
Do	Jan. 1-31	17	7	
Milagro	Sept. 1-30	1		
	Oct. 1-31	2	1	
Do	Jan. 1-31	1		
Gold coast				In 1915: Cases, 2: deaths, 2. European and native.

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